

# NINTH CATALOGUE

OF THE

## Arkansas Industrial University,

LOCATED AT

FAYETTEVILLE, WASHINGTON COUNTY, ARKANSAS.

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FOR THE YEAR ENDING JUNE 9th, 1881.

AND

ANNOUNCEMENT FOR 1881-82

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ORGANIZED SEPTEMBER 18, 1881.

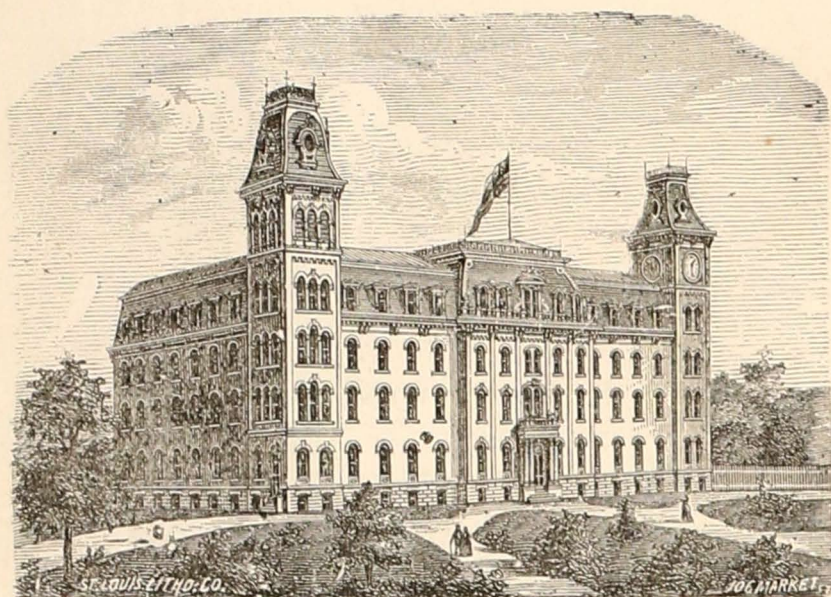
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JUNE, 1881

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LITTLE ROCK:  
MITCHELL & BETTIS, STATE PRINTERS,  
1881.

# ARKANSAS INDUSTRIAL UNIVERSITY.



## DIMENSIONS AND CAPACITY.

It is 214 feet long, by 122 feet wide, covering an area of 26,108 square feet. It is five stories high, with French or Mansard roof, covered with slate and tin. The height of the building is 134 feet.

The basement story is built of stone; the foundation is bedded on solid rock. The next three stories are built of brick, and the attic of wood. The basement story is in height, 13 feet in the clear; first and second stories, 16 feet each; third and fourth, 15 feet; the clock and bell towers extending two stories above the attic.

There are ten rooms 77 by 61 feet, ten rooms 22 by 29 feet, ten rooms 22 by 28 feet, ten rooms 22 by 25 feet, ten rooms 22 by 22 feet, ten rooms 22 by 19 feet, five rooms 15 by 28 feet, four rooms 22 by 20 feet, and one room 77 by 50 feet—making a total of seventy rooms. In addition, there are four corridors 15 by 28 feet, and four corridors 14 by 210 feet.

# Board of Trustees.

HIS EXCELLENCY, T. J. CHURCHILL, Governor, Little Rock,  
EX-OFFICIO PRESIDENT OF THE BOARD.

TREASURER:

WM. McILROY, Fayetteville, Ark.,

SECRETARY OF THE BOARD:

HON. LAFAYETTE GREGG.....Fayetteville, Ark.  
HON. A. W. DINSMORE.....Bentonville, Ark.  
HON. JAMES M. JOHNSON.....Wesley, Ark.  
J. W. JONES, M. D.....Fayetteville, Ark.  
S. P. PITTMAN, Esq.....Prairie Grove, Ark.  
W. E. THOMPSON, Esq.....Monticello, Ark.  
GEN. G. D. ROYSTON.....Washington, Ark.

EXECUTIVE COMMITTEE:

HON. A. W. DINSMORE, Chairman. S. P. PITTMAN, Esq.  
HON. LAFAYETTE GREGG, Secretary. W. E. THOMPSON, Esq.  
GEN. G. D. ROYSTON.

COMMITTEE ON BRANCH NORMAL COLLEGE:

HIS EXCELLENCY, T. J. CHURCHILL, Governor, Chairman.  
GEN. G. D. ROYSTON. W. E. THOMPSON, Esq.

FINANCE COMMITTEE:

HON. A. W. DINSMORE, Chairman. J. W. JONES, M. D.  
W. E. THOMPSON, Esq.

COMMITTEE ON RULES AND BY-LAWS:

HON. JAMES M. JOHNSON, Chairman.  
GEN. G. D. ROYSTON. HON. L. GREGG.

COMMITTEE ON PRINTING:

GEN. D. H. HILL, President of the University.  
J. W. JONES, M. D. HON. L. GREGG

BOARD OF TRUSTEES.—Medical Department:

P. O. HOOPER, M. D., Little Rock, Ark. E. R. DUVAL, Fort Smith, Ark.  
WM. THOMPSON, M. D., Little Rock, Ark.

# Board of Visitors.

In Attendance at Commencement, June, 1881.

REV. S. H. BUCHANAN, President.....Little Rock, Ark.  
HON. W. H. CATE, Secretary.....Jonesboro, Ark.  
HON. A. H. CARRIGAN.....Washington, Ark.  
COL. J. M. HARRELL.....Hot Springs, Ark.  
HON. M. L. DAVIS.....Dardanelle, Ark.



# Officers and Instructors.

GEN. D. H. HILL,  
*President and Professor of Mental and Moral Science.*

---

N. P. GATES, A. M.,  
*Principal of Normal Department.*

---

C. H. LEVERETT, A. M.,  
*Professor of Ancient Languages.*

---

COL. O. C. GRAY, A. M.,  
*Professor of Mathematics and Commandant of Cadets.*

---

F. L. HARVEY, B. S.,  
*Professor of Biology and Geology.*

---

S. E. HARRIS, A. B.,  
*Professor of English and History.*

---

C. P. CONRAD, A. M., (University of Va.)  
*Professor of Chemistry and Physics.*

---

H. B. EDMISTON,  
*Professor of Modern Languages.*

---

J. D. TRADWELL, B. E.,  
*Professor of Applied Mathematics and Engineering.*

---

.....  
*Professor of Music.*  
.....

---

.....  
*Professor of Military Science and Tactics.*  
.....

---

MRS. V. L. GRAY,  
*Teacher of Drawing and Painting.*

---

H. M. WELCH, A. M.  
*Principal of Preparatory Department.*

---

G. W. DROKE, A. B.,  
*First Assistant Preparatory Department.*

---

F. L. SUTTON,  
*Preceptress of Preparatory Department.*

---

MISS L. J. BLAKELEY, A. B.,  
*Assistant Preparatory Department.*

---

MRS. E. J. CROCKETT,  
*Third Assistant Preparatory Department.*



# Medical Department.

(Little Rock, Ark.)

## SESSION OF 1881-82.

### PROFESSORS.

P. O. HOOPER, M. D.,  
*Practice of Medicine and President of the Faculty.*

EDWIN BENTLEY, M. D.,  
*Institutes and Practice of Surgery.*

A. L. BREYSACHER, M. D.,  
*Obstetrics and Diseases of Women and Children.*

JAS. A. DIBRELL, JR., M. D.,  
*General, Descriptive and Surgical Anatomy.*

JOHN J. McALMONT, M. D.,  
*Materia Medica and Therapeutics.*

JAMES H. SOUTHALL, M. D.,  
*Institutes of Medicine.*

ROSCOE G. JENNINGS, M. D.,  
*Clinical Surgery and Dermatology.*

CLAIBOURNE WATKINS, M. D.,  
*Medical Chemistry and Toxicology.*

L. P. GIBSON, M. D.,  
*Demonstrator of Anatomy.*

### LECTURERS OF SPECIAL DEPARTMENTS.

T. E. MURRELL, M. D.,  
*Ophthalmology and Otology.*

GEO. C. HARTT, M. D.,  
*Hygiene and Botany.*

JAMES H. LENOW, M. D.,  
*Diseases of Genito-Urinary Organs.*

JOHN M. PIRTLE, M. D.,  
*Diseases of Children.*

JOHN WATERS, M. D.,  
*Clinical Medicine and Prosector of Anatomy.*

LOUIS AUGSPATH, D. D. S.,  
*Oral Surgery.*

John Lineham, Janitor at the College, on Second, between Main and Louisiana Sts.  
All communications should be addressed to R. G. JENNINGS, M. D., Secretary of Faculty, Little Rock, Ark.

# CATALOGUE OF STUDENTS

For the Session Commencing September 6th, 1880, and  
Ending June 9th, 1881.

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Regular Students in the Collegiate Department are graded in General Department and Scholarship, on the grade of 100. In all the classes except the Senior, the numbers attached to the names indicate rank. No. 1, indicating first rank; No. 2 second rank, etc.

Irregulars, and those taking a Partial Course, are not graded.

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## ACADEMIC DEPARTMENT.

### ABBREVIATIONS.

- |  |                     |
|--|---------------------|
| a.—Agricultural.   | e.—English Letters. |
| c.—Classical Course.   | l.—Latin Letters.   |
| s.—Scientific.   | eng.—Engineering.   |
| m.—Modern Languages.   |                     |
| i.—Irregular in the course, regular if not otherwise designated. |                     |
- 

### SENIOR CLASS.

#### NAMES.

#### RESIDENCE.

c. Carnall, Ella.....	Fort Smith, Sebastian County.
c. Ellis, F. W.....	Fayetteville, Washington County.
l. Gregg, L. W.....	Fayetteville, Washington County.
c. Moore, J. I.....	Vineyard, Phillips County.
l.* Patton, M. J.....	Fayetteville, Washington County.
c. Reed, Lina.....	Fayetteville, Washington County.
c. Reiff, O. S. ....	Magazine, Logan County.
c. Watson, J. J.....	Fayetteville, Washington County.
i.* Witt, G. ....	Mount Ida, Montgomery County.
Total, 9.	

\* Did not take a degree.

## JUNIOR CLASS.

11. c. Brown, W. D.....Newtonia, Newton Co., Missouri.
- i. Buckner, J. C.....Hopkinsville, Kentucky.
9. c. Carrigan, A. H.....Washington, Hempstead County.
6. c. Chanslor, C. K.....Washburne, Barry County, Missouri.
4. c. Cherry, W. R.....Patterson's Bluff, Franklin County.
- i. Cravens, Jessie L.....Fayetteville, Washington County.
- i. c. England, W. W.....Evansville, Washington County.
- i. Herbert, R. O.....Melbourne, Izard County.
- i. c. Holleman, Jessica.....Fayetteville, Washington County.
7. c. Hon, Daniel.....Waldron, Scott County.
- i. c. Jones, Gustave.....Jacksonport, Jackson Co.
- i. Jacoway, W. D.....Dardanelle, Yell County.
3. c. Lanier, J. A. M.....Mountain Home, Baxter County.
- i. Madden, D. B.....Camden, Ouachita County.
12. c. Mayes, J. F.....Fayetteville, Washington County.
1. c. McDonnough, J. B.....Bloomer, Sebastian County.
10. c. McFarlane, R. W.....Enterprise, Sebastian County.
- i. a. Montgomery, W. P.....Pierce City, Lawrence County, Mo.
5. c. Oates, T. F.....Russellville, Pope County.
8. c. Pickel, J. W.....Mulberry, Franklin County.
- i. Reed, G. W. M. Jr.....Fayetteville, Washington County.
2. c. Rogers, P. A.....Spavinaw, Benton County.
- i. Shell, G. C.....Augusta, Woodruff County.

Total, 23.

## SOPHOMORE CLASS.

6. c. Adair, W. C.....Ash Flat, Sharp County.
- i. c. Adair, P. B.....Ash Flat, Sharp County.
- i. c. Bates, C. O.....Cincinnati, Washington County.
- i. Bates, Lena.....Fayetteville, Washington County.
- i. Briant, W. A.....Hope, Hempstead County.
- i. Campbell, B. F.....Springdale, Washington County.
- i. Chaney, H. D.....Arkansas Post, Arkansas County.
3. eng. Claypool, W. M.....Bentonville, Benton County.
- i. Davis, T. C.....Fort Smith, Sebastian County.
- i. Gregg, Mollie E.....Fayetteville, Washington County.
1. c. Gorton, Lula S.....South West City, Missouri.
2. c. Greaves, C. D.....Hot Springs, Garland County.
5. c. Hall, E. M.....Canton, Sharp County.
3. c. Haskell, A. W.....Pastoria, Jefferson County.
1. eng. Henderson, J. W.....Bentonville, Benton County.
- i. c. Herren, T. J.....Evening Shade, Sharp County.
- i. c. Hillis, E. W.....Jonesboro, Craighead County.
- i. Hooper, J. H. K.....Polksville, Georgia.
- i. Hughes, F. M.....Wesley, Madison County.
- i. Johnson, H. C.....Wesley, Madison County.
- i. King, Belle.....White Bluff, Jefferson County.
- i. Lee, E. P.....Bentonville, Benton County.
- i. Massie, Julia J.....Fayetteville, Washington County.
- i. McCart, W. W.....Fayetteville, Washington County.
- i. Murdock, Annie.....Harrisburg, Poinsett County.



- i. s. Olive, J. G. .... Marr's Hill, Lafayette County.  
 i. Pape, W. B. .... Fort Smith, Sebastian County.  
 i. Reinach, J. L. .... Pine Bluff, Jefferson County.  
 i. Robins, S. M. .... Fontaine, Hempstead County.  
 i. Rowe, R. A. .... Greenwood, Sebastian County.  
 7. c. Sanders, Cener C. .... Huntsville, Madison County.  
 l. Stovall, B. L. .... Jacksonville, Pulaski County.  
 4. c. Stroup, H. .... Webb City, Franklin County.  
 1. e. Taliaferro, Lou. .... Bentonville, Benton County.  
 i. Tilles, C. A. .... Fort Smith, Sebastian County.  
 i. Thompson, Nellie. .... White Bluff, Jefferson County.  
 i. Van Winkle, J. L. .... War Eagle Mills, Benton County.  
 i. Van Winkle, R. E. L. .... War Eagle Mills, Benton County.  
 2. eng. Wallis, W. C. .... Hope, Hempstead County.  
 i. Wells, H. .... Monticello, Drew County.

Total, 40.

## FRESHMAN CLASS.

8. e. Adler, S. .... Fort Smith, Sebastian County.  
 1. l. Anderson, L. S. .... Herndon, Craighead County.  
 i. l. Atkins, W. .... Washington, Hempstead County.  
 i. Baker, W. P. .... Amity, Clark County.  
 4. l. Barbour, E. A. .... Alma, Crawford County.  
 i. Bell, Lula A. .... Waldron, Scott County.  
 11. l. Brickell, O. W. .... Poplar Grove, Phillips County.  
 10. l. Chandler, M. Orlin. .... Eldorado, Union County.  
 4. e. Coffman, C. T. .... Harrison, Boone County.  
 i. l. Cook, J. E. .... Texarkana, Miller County.  
 —i. Davis, J. O. .... Rhea's Mills, Washington County.  
 6. l. Duncan, W. H. .... Conway, Faulkner County.  
 9. l. Davison, J. O. .... Poplar Grove, Phillips County.  
 i. l. Deaver, J. P. .... Elm Springs, Washington County.  
 i. Eaton, Mary. .... Fayetteville, Washington County.  
 2. l. Gates, D. A. .... Tillar Station, Union County.  
 i. l. Goodwin, W. P. .... Eldorado, Union County.  
 12. l. Green, B. M. .... Barton, Phillips County.  
 i. Greigg, W. W. .... Van Buren, Crawford County.  
 i. l. Holcomb, W. H. .... Elm Springs, Washington County.  
 5. l. Hudson, J. H. .... Dardanelle, Yell County.  
 2. e. Hughes, J. J. .... Forrest City, St. Francis County.  
 c. Hyatt, W. H. .... Monticello, Drew County.  
 i. Jacoway, Bennie. .... Dardanelle, Yell County.  
 i. Johnson, B. F. .... Wesley, Madison County.  
 3. e. Kindley, A. E. .... Bentonville, Benton County.  
 i. l. Lake, Ella. .... Viney Grove, Washington County.  
 i. l. Ledwidge, Katie G. .... Little Rock, Pulaski County.  
 i. l. McCrary, A. M. .... Mineral Springs, Howard County.  
 8. l. McNeis, J. C. .... St. Paul, Madison County.  
 1. l. Moore, G. B. .... Pine Bluff, Jefferson County.  
 1. e. Morton, W. H. .... Prairie Grove, Washington County.  
 7. e. Pape, Ada. .... Fort Smith, Sebastian County.  
 6. e. Pape, Annie. .... Fort Smith, Sebastian County.  
 i. Parrish, W. B. .... Polk Bayou, Sharp County.

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i. l.	Porter, G. W.....	DeWitt, Arkansas County.
1. eng.	Ralph, S. H.....	Lewis' Landing, Texas.
3. l.	Rigney, B. M.....	Marianna, Lee County.
i.	Reiff, Emma .....	Fayetteville, Washington County.
i.	Sanders, N. L.....	Huntsville, Madison County.
i	Skelton, W. R.....	Fayetteville, Washington County.
2. eng.	Smith, J. F.....	Searcy, White County.
i. l.	Stanley, J. M.....	Selma, Drew County.
c.	Taff, J. L.....	Cauthron, Scott County.
i. l.	Wolverton, C. H.....	Fayetteville, Washington County.
i.	Wright, O. M.....	Shiloh, Union Point, Louisiana.
5. e.	Yancy, J. G.....	Clarksville, Virginia.
i.	Whitworth, W. B.....	West City, Missouri.
		Total, 48.

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## PREPARATORY DEPARTMENT.

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### SUB-FRESHMAN CLASS.

Anderson, C. M.....	Herndon, Craighead County.
Arnold, D. E.....	Centerville, Bibb County, Alabama.
Benbrook, Clemmie.....	Fayetteville, Washington County.
Board, W. J.....	Rives, Tenn.
Butterfield, Ella A.....	Hot Springs, Garland County.
Carden, F. M.....	Fayetteville, Washington County.
Chasteen, T. F.....	Dixon's Roads, Louisiana.
Chasteen, Robert.....	Dixon's Roads, Louisiana.
Cowan, W. H.....	Bentonville, Benton County.
Cook, L. A.....	Knoxville, Johnston County.
DuPree, Emma B.....	Springdale, Washington County.
Daniels, E. W.....	Dermott, Chicot County.
Dial, J. T.....	Charleston, Franklin County.
Gill, H. R.....	Morrilton, Conway County.
Howard, E. J.....	Marianna, Lee County.
Harris, Laura J .....	Fayetteville, Washington County.
Hudson, Wm.....	McKenzie's Landing.
Inman, C. A.....	Grapevine, Texas.
Jennings, Lillie.....	Fayetteville, Washington County.
Keener, T. J.....	Parks, Scott County.
Kinsworthy, E. R.....	Black Colony, Sevier County,
Knight, Carrie R....	Fayetteville, Washington County.
Keith, J. F.....	Boonville, Logan County.
Lee, R. E.....	Pine Bluff, Jefferson County.
Leverett, Julia B.....	Fayetteville, Washington County.
Lenox, H. F.....	Pendleton, Lincoln County.
Maguire, Annie.....	Maguire's Store, Washington County.
Mays, Nora....	Fayetteville, Washington County,
McCall, E. B.....	Mount Holly, Union County.



McColloch, C. H.....	Hot Springs, Garland County.
McCulloch, R. B.....	Conway, Faulkner County.
Morrison, E. A.....	Little Rock, Pulaski County.
Moore, R. B.....	Ozark, Franklin County.
Moore, J. B.....	Ozark, Franklin County.
Notrebe, E. P.....	Sarassa, Lincoln County.
Pearce, B. S.....	Magnolia, Columbia County.
Phagan, J. C.....	Bloomfield, Benton County.
Parham, T. H.....	Forrest City, St. Francis County.
Rainwater, Clemmie.....	Fayetteville, Washington County.
Richardson, R. M.....	Charleston, Franklin County.
Robinson, G. W.....	Little Rock, Pulaski County.
Robinson, W. P.....	Bentonville, Benton County.
Ross, T. A.....	Okalona, Clark County.
Reamey, S. S.....	Malvern, Hot Spring County.
Sypert, R. T.....	Nashville, Howard County.
Scott, J. J.....	Hamburg, Ashley County.
Simonds, Hattie.....	Fayetteville, Washington County.
Skelton, Pollie T.....	Fayetteville, Washington County.
Sutton, Mollie B.....	Fayetteville, Washington County.
Terry, B. F.....	Hamburg, Ashley County.
Taff, J. H.....	Cauthron, Scott County.
Turpin, T. C.....	Mount Vernon, Faulkner County.
VanHoose, S. Florence.....	Shreveport, Louisiana.
Williams, G. D.....	Little Rock, Pulaski County.
Wilkinson, H. D.....	Military Grove, Sebastian County.
Wood, A. S.....	Cauthron, Scott County.
Woodall, W. H.....	El Paso, White County.
Woolverton, C. D.....	Fayetteville, Washington County.
Young, J. S.....	Tulip, Dallas County.

Total, 58.

## A CLASS.

Albright, S. K.....	Fayetteville, Washington County.
Anderson, C. M.....	Herndon, Craighead County.
Belding, W. L.....	Hot Springs, Garland County.
Board, W. J.....	Rives, Tennessee.
Bollinger, W. A.....	St. Paul, Madison County.
Blake, Flora L.....	Bell's Store, Nevada County.
Barnett, Saul.....	Fayetteville, Washington County.
Barron, J. C.....	Benton, Saline County.
Betts, J. H.....	Hope, Hempstead County.
Brewster, A. C.....	Witcherville, Sebastian County.
Benbrook, Katie M.....	Fayetteville, Washington County.
Blake, C. M.....	Bell's Store, Nevada County.
Botefuhr, Lillie K.....	Fayetteville, Washington County.
Bailey, B. F.....	Hot Springs, Garland County.
Bertig, Sohl.....	Galicia, Austria.
Brown, W. W.....	Coal Hill, Johnson County.
Bolinger, Mattie L.....	Fayetteville, Washington County.
Battle, J. A.....	Lewisville, Lafayette County.
Burnett, J. H.....	Laconia, Desha County.
Besanceney, C. L.....	Beith's Landing, Chicot County.



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Benaux, H. A.....	Mulberry, Franklin County.
Boyd, A. J.....	Wiley's Cove, Van Buren County.
Carter, J. C.....	Ozark, Franklin County.
Cardwell, Nora B.....	Fayetteville, Washington County.
Chasteen, Robert.....	Dixon's Roads, Louisiana.
Caruthers, Elmo.....	Waldron, Scott County.
Cook, L. A.....	Knoxville, Johnson County.
Chamberlain, May.....	Little Rock, Pulaski County.
Crawford, Sarah A.....	Seligman, Missouri.
Crouch, Dora A.....	Fayetteville, Washington County.
Carl, S. T.....	Bloomfield, Benton County.
Cravens, Lelia V.....	Fayetteville, Washington County.
Canady.....	El Paso, White County.
Cline, Charlotte M.....	Fayetteville, Washington County.
Curtis, S. M.....	Enola, Faulkner County.
Chasteen, J. W.....	Dixon's Roads, Louisiana.
Chastain, W. E.....	Bentonville, Benton County.
Cook, J. N.....	Texarkana, Miller County.
Daniels, E. W.....	Dermott, Chicot County.
Dial, D. M.....	Holly Grove, Monroe County.
Dial, Margie.....	Holly Grove, Monroe County.
DuPree, Emma B.....	Springdale, Washington County.
Dowell, H. J.....	Fayetteville, Washington County.
Dial, J. T.....	Charleston, Franklin County.
Dupuy, J. L.....	Askew, Lee County.
Dugger, Nellie G.....	Trenton, Illinois.
Dougherty, H. R.....	Red Bluff, Jefferson County.
Dickson, W. E.....	Magnolia, Columbia County.
Davis, H. J.....	Silver City, Montgomery County.
Dutton, W. W.....	Malvern, Hot Spring County.
Donahoo, W. H.....	Bentonville, Benton County.
Evans, S. A.....	Knoxville, Johnson County.
Ellis, A. H.....	Evening Shade, Sharp County.
Freyschlag, E. M.....	Fayetteville, Washington County.
Foster, J. H.....	Riley, Yell County.
Frazier, J. R.....	Chocoville, Sebastian County.
Floyd, H. P.....	Clarksville, Johnson County.
Gillmore, C. C.....	Fayetteville, Washington County.
Gray, Carl R.....	Fayetteville, Washington County.
Gibson, J. S.....	Dardanelle, Yell County.
Gilbert, Jennie E.....	Hico, Benton County.
Hall, E. J.....	Fayetteville, Washington County.
Holmes, J. L.....	Nimrod, Perry County.
Hicks, Edward.....	Fort Gibson, Indian Territory.
Holliman, Idora O.....	Fayetteville, Washington County.
Hunt, V. Josie.....	Fayetteville, Washington County.
Hansard, Dora F.....	Fayetteville, Washington County.
Hobson, Hattie M.....	Fayetteville, Washington County.
Hughs, J. L.....	Forrest City, St. Francis County.
Hayley, J. F.....	Hickory Plains, Prairie County.
Hauptman, W. D.....	Fayetteville, Washington County.
Jastrower, John J.....	Forrest City, St. Francis County.
Johnston, C. M.....	Locksburg, Sevier County.
Jackson, H. R.....	Fayetteville, Washington County.

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Jackson, Alice V.....	Fayetteville, Washington County.
King, J. H.....	Amity, Clark County.
Kinsworthy, E. B.....	Black Colony, Sevier County.
Kemp, Elzira .....	Fayetteville, Washington County.
King, J. P.....	Mulberry, Franklin County.
Lawrence, Birdie.....	Atkins, Pope County.
Lenox, H. F.....	Pendleton, Lincoln County.
Lowery, R. B.....	Helena, Phillips County.
Leverett, F. P.....	Fayetteville, Washington County.
Leverett, Mary.....	Fayetteville, Washington County.
Linaday, H. L.....	Benton, Saline County.
Linaday, J. T.....	Millville, Ouachita County.
Langley, S. P.....	Elk Mills, Missouri.
Lewis, Fletcher.....	Fayetteville, Washington County.
McCullough, J. D.....	Relf's Bluff, Lincoln County.
Moose, Eugenia.....	Morrilton, Conway County.
Myrick, W. A.....	Helena, Phillips County.
Moore, J. M.....	Ozark, Franklin County.
Mulholland, Sarah.....	Fayetteville, Washington County.
Monteith, C. W.....	Akron, Independence County.
Monteith, K.....	Akron, Independence County.
McDaniel, S. P.....	Millbrook, St. Francis County.
McDaniel, S. T.....	Millbrook, St. Francis County.
McNeill, J. C.....	Magnolia, Columbia County.
McNeill, W. H.....	Magnolia, Columbia County.
Mays, Sallie.....	Fayetteville, Washington County.
McCulloch, W. T.....	Conway, Faulkner County.
McCall, E. B.....	Mount Holly, Union County.
McFarlane, Alice J.....	Enterprise, Sebastian County.
McIlroy, W. R.....	Fayetteville, Washington County.
Mizell, W. T.....	Eldorado, Union County.
McIlroy, J. D.....	Ozark, Franklin County.
Mayers, J. H.....	Fort Smith, Sebastian County.
Milligan, J. A.....	Fayetteville, Washington County.
Nealey, E. A.....	Fayetteville, Washington County.
Notrebe, E. P.....	Sarassa, Lincoln County.
Nixon, Ismere.....	Eureka Springs, Carroll County.
Oliver, A. B.....	St. Louis Landing, Phillips County.
Parham, T. H.....	Forrest City, St. Francis County.
Paschal, J. F.....	Calhoun, Columbia County.
Pollard, W. S.....	Fayetteville, Washington County.
Polhamius, F. M.....	Hot Springs, Garland County.
Parker, G. C.....	Danville, Yell County.
Paddock, Gracie.....	Fayetteville, Washington County.
Perry, T. C.....	Van Buren, Crawford County.
Rawlings, Ida.....	Waldron, Scott County.
Richmond, Fannie.....	Fayetteville, Washington County.
Roulston, Z. T.....	Hot Springs, Garland County.
Reinhardt, H. D.....	Hickory Plains, Prairie County.
Redden, D. J.....	Paris, Logan County.
Reed, J. L.....	Fayetteville, Washington County.
Rutland, R. F.....	Little Rock, Pulaski County.
Ross, Charles.....	Fayetteville, Washington County.



Reynolds, Jennie.....	Fayetteville, Washington County.
Scott, J. P.....	Fayetteville, Washington County.
Smith, A. M.....	Webb City, Franklin County.
Sypert, R. T.....	Nashville, Howard County.
Sanders, A. B.....	Huntsville, Madison County.
Stovall, S. Myrtle.....	Jacksonville, Pulaski County.
Snodgrass, J. S.....	Mulberry, Franklin County.
Stone, A. B.....	Fayetteville, Washington County.
Shugart, W. H.....	Princeton, Dallas County.
Smith, H. N.....	Tomlinson, Scott County.
Shaver, A. E.....	Charleston, Franklin County.
Sutton, H. S.....	Fayetteville, Washington County.
Thompson, J. W.....	ElDorado, Union County.
Tillman, S. J.....	Fayetteville, Washington County.
Turnham, H. H.....	Chocoville, Sebastian County.
Taff, J. H.....	Cauthron, Scott County.
Taff, J. A.....	Cauthron, Scott County.
Tillar, B. J.....	Selma, Drew County.
VanHoose, S. Florence.....	Shreveport, Louisiana.
Wainwright, Lillian.....	Fayetteville, Washington County.
Wilson, A. J.....	Dayton, Sebastian County.
Wilson, J. I.....	Bloomfield, Benton County.
Woodall, W. H.....	ElPaso, White County.
Wright, R. A. C.....	Oak Bluff, Clay County.
Walker, J. W.....	Fayetteville, Washington County.
Westerfield, Walter.....	Atkins, Pope County.
Whitley, Annie E.....	Clarendon, Monroe County.
Williams, W. M.....	Fayetteville, Washington County.
Williams, A.....	Oak Bluff, Clay County.
Wilkerson, P. H.....	Reed's Creek, Sharp County.
Wilkinson, H. D.....	Military Grove, Sebastian County.
Watts, J. C.....	Cincinnati, Washington County.
Wood, A. S.....	Cauthron, Scott County.
Waddill, J. B.....	Newport, Jackson County.
Young, J. S.....	Tulip, Dallas County.

Total, 162.

## CLASS B.

Alberti, S. C.....	Chouteau, Indian Territory.
Bailey, W. T.....	Malvern, Hot Spring County.
Benaeux, H. A.....	Mulberry, Franklin County.
Beazely, E. J.....	Forrest City, St Francis County.
Battle, J. A.....	Lewisville, Lafayette County.
Botefuhr, Beulah.....	Fayetteville, Washington County.
Brown, W. W.....	Coal Hill, Johnson County.
Berry, E. J.....	Osage Mills, Benton County.
Besanceney, C. L.....	Beith's Landing, Chicot County.
Burnett, J. H.....	Laconia, Desha County.
Copeland, William.....	Fayetteville, Washington County.
Coffey, M. Belle.....	Fayetteville, Washington County.
Carl, S. T.....	Bloomfield, Benton County.
Cobble, W. H.....	Behtonville, Benton County.
Crenshaw, Mattie.....	Dermott, Chicot County.
Canady, J. A.....	ElPaso, White County.



Carter, Nora.....	Fayetteville, Washington County.
Curtis, S. M.....	Enola, Faulkner County.
Cardwell, W. C.....	Paris, Logan County.
Couch, L. F.....	Hope, Hempstead County.
Draughan, J. H.....	Fayetteville, Washington County.
Dowell, H. J.....	Fayetteville, Washington County.
Dumas, A. P.....	Dumas, Desha County.
Dobson, J. H.....	Lewisville, Lafayette County.
Ellis, A. W.....	Evening Shade, Sharp County.
Evans, S. A.....	Knoxville, Johnson County.
Gregg, H. L.....	Fayetteville, Washington County.
Graham, Wallace.....	Fayetteville, Washington County.
Gibson, J. S.....	Dardanelle, Yell County.
Gunter, Walker.....	Fayetteville, Washington County.
Harris, J. R.....	Millville, Ouachita County.
Huckaby, S. J.....	Danville, Yell County.
Hall, J. B.....	Benton, Saline County.
Hoge, Helen.....	Eureka Springs, Carroll County.
Healy, C. J.....	Fayetteville, Washington County.
Harrison, Lida J.....	Fayetteville, Washington County.
Harrison, Joseph C.....	Fayetteville, Washington County.
Herring, R. J.....	Floyd, Louisiana.
Holman, J. T.....	Rocky Comfort, Little River County.
Jackson, H. R.....	Fayetteville, Washington County.
Johnston, J. P.....	Harrison, Boone County.
King, J. P.....	Mulberry, Franklin County.
Keatts, James.....	Little Rock, Pulaski County.
Keatts, Harry.....	Little Rock, Pulaski County.
Knight, F. M.....	Fayetteville, Washington County.
Kemp, Elzira.....	Fayetteville, Washington County.
Kelton, J. H.....	Bentonville, Benton County.
Linaday, H. L.....	Benton, Saline County.
Loi, Minnie W.....	Fayetteville, Washington County.
Lipe, J. G.....	Claremore, Indian Territory.
McCulloch, W. T.....	Conway, Faulkner County.
McCart, Jennie.....	Fayetteville, Washington County.
McNeill, B. F.....	Magnolia, Columbia County.
McNees, W. G.....	Fayetteville, Washington County.
Martin, J. L.....	Dardanelle, Yell County.
McIlroy, J. H.....	Fayetteville, Washington County.
McRoy, Minnie.....	Fayetteville, Washington County.
Moore, D. E.....	Camden, Ouachita County.
Posey, E. R.....	Guerdon, Clark County.
Pope, J. H.....	Forrest City, St. Francis County.
Porter, Mamie.....	Fayetteville, Washington County.
Parker, R. C.....	Paris, Logan County.
Polson, Alice.....	South West City, Missouri.
Reed, W. L.....	Fayetteville, Washington County.
Robinson, W. R.....	Oklmulgee, Indian Territory.
Ross, Charles.....	Fayetteville, Washington County.
Rainwater, Minnie.....	Fayetteville, Washington County.
Robinson, H. C.....	Lake Village, Chicot County.
Reinhardt, H. D.....	Hickory Plains, Prairie County.

Reynolds, Lula.....	Fayetteville, Washington County.
Snodgrass, J. S.....	Mulberry, Franklin County.
Shugart, E. R.....	Princeton, Dallas County.
Slocumb, J. R.....	Little Rock, Pulaski County.
Scott, J. P.....	Fayetteville, Washington County.
Sheppard, J. J.....	Three Creeks, Columbia County.
Sanders, L. A.....	Spring Valley, Madison County.
Sanders, N. L.....	Huntsville, Madison County.
Stone, J. V.....	Evening Shade, Sharp County.
Stone, A. M.....	Fayetteville, Washington County.
Thompson, J. W.....	ElDorado, Union County.
Threadgill, Nannie G.....	Wadesboro, North Carolina.
Tillman, S. J.....	Fayetteville, Washington County.
Trott, Robbie E.....	Fayetteville, Washington County.
Taylor, Maggie.....	Fayetteville, Washington County.
Taff, J. A.....	Cauthron, Scott County.
Vaughan, J. C.....	Fayetteville, Washington County.
Whitlow, Mabel W.....	Boonville, Missouri.
Walker, J. W.....	Fayetteville, Washington County.
Williams, T. D.....	Clarendon, Monroe County.
Wilson, J. I.....	Bloomfield, Benton County.
Williams, J. F.....	Ozark, Franklin County.
Winckler, Henrietta.....	Alma, Crawford County.
Waddill, N.....	Paris, Logan County.

Total, 93.

## C CLASS.

Albright, G. E.....	Fayetteville, Washington county.
Berry, Lula.....	Osage Mills, Benton county.
Berry, E. J.....	Osage Mills, Benton county.
Berry, F. J.....	Osage Mills, Benton county.
Bailey, W. T.....	Malvern, Hot Spring county.
Beazely, E. J.....	Forrest City, St. Francis county.
Crum, Berta.....	Hope, Hempstead county.
Chenault, G. W.....	Little Rock, Pulaski county.
Crenshaw, Mattie.....	Dermott, Chicot county.
Draughan, Katie.....	Fayetteville, Washington county.
Dumas, A. P.....	Dumas, Desha county.
Gaines, E. P.....	Luna Landing, Chicot county.
Gill, G. W.....	Monticello, Drew County.
Holman, J. T.....	Rocky Comfort, Little River county.
Hankins, Mattie A.....	Wesley, Madison county.
Harrison, Lida J.....	Fayetteville, Washington county.
Herring, R. J.....	Floyd, Louisiana.
Herring, J. D.....	Floyd, Louisiana.
Hoge, Albert.....	Eureka Springs, Carroll county.
Jelks, Theo.....	Augusta, Woodruff county.
Jennings, W. B.....	Fayetteville, Washington county.
Jenkins, N. T.....	Pine Bluff, Jefferson county.
Jenkins, P. G.....	Pine Bluff, Jefferson county.
Jones, J. A.....	Conway, Faulkner county.
Lewis, Lena.....	Fayetteville, Washington county.
Loi, Minnie W.....	Fayetteville, Washington county.



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Leverett, Storer.....	Fayetteville, Washington county.
McDermotte, M. A.....	Dermotte, Drew county.
McIlroy, J. H.....	Fayetteville, Washington county.
McNees, W. G.....	Fayetteville, Washington county.
Odgen, J. S.....	Fulton, Hempstead county.
Newsom, Hubert.....	Fayetteville, Washington county.
North, Mattie.....	Fayetteville, Washington county.
Posey, E. R.....	Guerdon, Clark county.
Polhamius, Eugene.....	Hot Springs, Garland county.
Proctor, W. L.....	Walnut Lake, Desha county.
Proctor, Clara.....	Walnut Lake, Desha county.
Slocomb, J. R.....	Little Rock, Pulaski county.
Simonds, Hattie.....	Fayetteville, Washington county.
Sparkman, Lem.....	Guerdon, Clark county.
Thomas, Helen.....	Fayetteville, Washington county.
Taylor, Maggie.....	Fayetteville, Washington county.
Tiger, George.....	Ockmulgee, Indian Territory.
Warner, J. F.....	Luna Landing, Chicot county.
Winckler, Henrietta.....	Alma, Crawford county.
Worrell, L. C.....	Harrisburg, Poinsett county.
Young, Charles I.....	Pierce City, Missouri.
	Total, 47.

## IRREGULARS.

Baum, Nettie.....	Fayetteville, Washington county.
Capshaw, M. T. J.....	Danville, Yell county.
Johnston, G. W.....	Flint, Indian Territory.
Lee, J. T.....	Lonoke, Lonoke county.
Shields, Ella.....	Cincinnati, Washington County.
	Total, 5.

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NORMAL CLASS.—Section First.

Anderson, L. S.....	Herndon, Arkansas.
Anderson, C. M.....	Herndon, Arkansas.
Adair, P. B.....	Ash Flat, Arkansas.
Buckner, Jennie C.....	Hopkinsville, Kentucky.
Barbour, E. A.....	Alma, Arkansas.
Board, W. J.....	Rives, Tennessee.
Belding, W. L.....	Hot Springs, Arkansas.
Barron, J. C.....	Benton, Arkansas.
Chastain, W. E.....	Bentonville, Arkansas.
Curtis, S. M.....	Enola, Arkansas.
Carl, S. T.....	Bloomfield, Arkansas.
Cook, L. A.....	Knoxville, Arkansas.
Coffman, C. T.....	Harrison, Arkansas.
Cook, J. E.....	Texarkana, Arkansas.
Drake, George W.....	Bentonville, Arkansas.
Deaver, J. P.....	Elm Springs, Arkansas.
Davies, W. Y.....	Fayetteville, Arkansas.



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Dutton, W. W.....	Malvern, Arkansas.
England, W. W.....	Evansville, Arkansas.
Ellis, A. W.....	Evening Shade, Arkansas.
Evans, S. A.....	Knoxville, Arkansas.
Gates, Marie.....	Fayetteville, Arkansas.
Hon, Daniel.....	Waldron, Arkansas.
Hughes, J. J.....	Forrest City, Arkansas.
Hughes, F. M.....	Wesley, Arkansas.
Herren T. J.....	Evening Shade, Arkansas.
Hooper, J. K.....	Polksville, Georgia.
Johnson, H. C.....	Wesley, Arkansas.
Johnson, B. F.....	Wesley, Arkansas.
Keener, T. J.....	Parks, Arkansas.
Lockhart, Fannie.....	Fayetteville, Arkansas.
Lindsey, H. L.....	Millville, Arkansas.
McCall, E. B.....	Mount Holly, Arkansas.
McCulloch, R. B.....	Conway, Arkansas.
Moore, J. B.....	Ozark, Arkansas.
Moore, J. M.....	Ozark, Arkansas.
McCulloch, W. T.....	Conway, Arkansas.
Monteith, Kelly.....	Akron, Arkansas.
Patton, Alice.....	Siloam, Arkansas.
Patton, Mattie.....	Siloam, Arkansas.
Parish' W. B.....	Polk Bayou, Arkansas.
Pearce, B. S.....	Magnolia, Arkansas.
Rigney, B. M.....	Marianna, Arkansas.
Rowe, R. A.....	Green Wood, Arkansas.
Smith, J. F.....	Searcy, Arkansas.
Sanders, Cener.....	Fayetteville, Arkansas.
Stoval, B. L.....	Jacksonville, Arkansas.
Turnham, H. H.....	Chocoville, Arkansas.
Waggener, Mattie A.....	Prairie Grove, Arkansas.
Woolverton, C. H.....	Fayetteville, Arkansas.
Woolverton, C. D.....	Fayetteville, Arkansas.
Watson, J. J.....	Fayetteville, Arkansas.
Yancy, J. G.....	Clarksville, Virginia.

Total, 53.

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## NORMAL CLASS.—Section Second.

Arnold, D. E.....	Centerville, Alabama.
Bertieg, Sohl.....	Galicia, Austria.
Cline, Charlotte.....	Fayetteville, Arkansas.
Cardwell, Nora.....	Fayetteville, Arkansas.
Chasteen, Robert.....	Dixson's Roads, Arkansas.
Dial, J. T.....	Charleston, Arkansas.
Dupuy, J. L.....	Askew, Arkansas.
Gill, H. R.....	Morrilton, Arkansas.
Hughes, J. L.....	Forrest City, Arkansas.

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Hunt, Josie.....	Fayetteville, Arkansas.
Inman, C. A. ....	Grape Vine, Arkansas.
Knight, Carrie .....	Fayetteville, Arkansas.
King, J. H. ....	Amity, Arkansas.
Lawrence, Birdie.....	Atkins, Arkansas.
McCulloch, G. H.....	Hot Springs, Arkansas.
McDaniel, S. P.....	Mill Branch, Arkansas.
Maguire, Nannie.....	Maguire's Store, Arkansas.
Moore, R. R.....	Ozark, Arkansas.
Roulston, Z. T.....	Hot Springs, Arkansas.
Rainwater, Clem.....	Fayetteville, Arkansas.
Sypert, R. T.....	Nashville, Arkansas.
Shaver, A. E.....	Charleston, Arkansas.
Simonds, Hattie.....	Fayetteville, Arkansas.
Taff, J. H.....	Caithron, Arkansas.
Turpin, T. C.....	Mount Vernon, Arkansas.
Wood, A. S.....	Caithron, Arkansas.
Williams, W. M.....	Fayetteville, Arkansas.
Wainwright, Lillie.....	Fayetteville, Arkansas.
Woodall, W. H.....	El Paso, Arkansas.
	Total, 29.

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## DEPARTMENT OF MUSIC.

## PIANO.

Blake, Hattie.....	Bell's Store, Nevada county.
Blake, Flora.....	Bell's Store, Nevada county.
Bell, Lula.....	Waldron, Scott county.
Dial, Margie.....	Holly Grove, Monroe county.
Dugger, Nellie.....	Trenton, Illinois.
Draughon, Katie.....	Floyd, Louisiana.
Gregg, Dora.....	Fayetteville, Washington county.
Hill, Hattie.....	Fayetteville, Washington county.
Hoge, Helen .....	Eureka Springs, Carroll county.
Jelks, Theo.....	Augusta, Woodruff county.
Moose, Eugenia.....	Morrilton, Conway county.
McFarland, Alice.....	Enterprise, Sebastian county.
Porter, Mamie.....	Fayetteville, Washington county.
Rawlings, Ida.....	Waldron, Scott county.
Shields, Ella.....	Cincinnati, Washington county.
Vail, Etta.....	Wesley, Madison county.
Whitley, Annie.....	Clarendon, Monroe county.
Walker, Nannie.....	Fayetteville, Washington county.
Nolen, Sarah.....	Fayetteville, Washington county.

## ORGAN.

Cline, Charlotte.....	Fayetteville, Washington county.
Holliman, Jessica .....	Fayetteville, Washington county.
Leverett, Julia.....	Fayetteville, Washington county.
	Total, 22.

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GENERAL SUMMARY BY STATES.

Arkansas,.....	411
Missouri,.....	8
Louisiana,.....	8
Cherokee Nation,.....	3
Creek Nation,.....	2
Texas,.....	2
Illinois,.....	1
Kentucky,.....	1
Alabama, .....	1
Georgia,.....	1
Austria.....	1
Tennessee,.....	1
North Carolina,.....	1



# COURSE OF STUDY.

## PREPARATORY DEPARTMENT.

### C CLASS.

Reading and Spelling.  
Penmanship.

Grammar, Oral and Spelling.  
Arithmetic.

Geography, Oral and Map Drawing.

### B CLASS.

Reading and Spelling.  
Penmanship.

Grammar and Spelling.  
Arithmetic.

Geography.

### A CLASS.

#### CLASSICAL.

Arithmetic (completed).  
Latin.  
English Grammar.  
Reading and Spelling.  
Penmanship.

#### ENGLISH.

Arithmetic (completed)  
English Grammar.  
Geography.  
Reading and Spelling.  
Penmanship.

### SUB-FRESHMAN.

#### SCIENTIFIC, ENGINEERING

##### CLASSICAL.

Algebra.  
Latin.  
Greek.  
Reading and Spelling.  
Penmanship.

##### AND AGRICULTURAL.

Algebra.  
French.  
German.  
Drawing.  
English Comp'n.

##### ENGLISH.

Algebra.  
English Composition.  
United States History.  
Reading and Spelling.  
Penmanship.

##### NORMAL.

Algebra.  
Eng. Composition  
U. S. History.  
Reading.  
Latin.  
Penmanship.  
Pedagogics.

## COURSES OF STUDY.

FRESHMAN YEAR.	FIRST TERM.	CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
		Algebra.....	Algebra .....	Algebra .....	Algebra .....
		English.....	English.....	English.....	English.....
		Physical Geog...	Physical Geog...	Physical Geog...	Physical Geog...
		Latin.....	Latin.....	French.....	Drawing.. ..
		Greek.....	.....	German .....	.....
	SECOND TERM.	Geometry.....	Geometry.....	Geometry.....	Geometry.....
		English.....	English.....	English.....	English.....
		Physics .....	Physics .....	Physics .....	Physics .....
		Latin.....	Latin.....	French.....	Drawing.....
		Greek .....	.....	German .....	.....
	THIRD TERM.	Geometry .....	Geometry.....	Geometry .....	Geometry.....
		English.....	English.....	English.....	English.....
		Physics .....	Physics .....	Physics .....	Physics .....
		Latin.....	Latin.....	French.....	Botany .....
		Greek.....	.....	German .....	.....
SOPHOMORE YEAR.	FIRST TERM.	CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
		Trigonometry...	Trigonometry...	Trigonometry...	Trigonometry...
		Rhetoric.....	Rhetoric .....	Rhetoric.....	Rhetoric.....
		Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.
		Latin.....	Latin.....	French.....	.....
		Greek.....	.....	German .....	.....
	SECOND TERM.	Survey. & Nav...	Survey. & Nav ..	Survey. & Nav...	Survey. & Nav...
		Rhetoric.....	Rhetoric.....	Rhetoric.....	Rhetoric.....
		Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.
		Latin .....	Latin.....	French.....	Zoology .....
		Greek.....	.....	German .....	.....
	THIRD TERM.	Anal. Geometry.	Anal. Geometry..	Anal. Geometry.	Anal. Geometry.
		Rhetoric .....	Rhetoric.....	Rhetoric.....	Rhetoric.....
		Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.	Gen'l Chemistry.
		Latin.....	Latin.....	French.....	.....
		Greek .....	.....	German .....	.....

## COURSES OF STUDY--Continued.

NORMAL COURSE.	SCIENTIFIC COURSE.	CIVIL ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Algebra.....	Algebra.....	Algebra.....	Algebra.....	Algebra.....
English.....	English.....	English.....	English.....	English.....
Phys. Geog.....	Phys. Geog.....	Phys. Geog.....	Phys. Geog.....	Phys. Geog.....
Latin.....	French.....	French.....	French.....	German.....
Pedagogics.....	German.....	German.....	German.....	Drawing.....
.....	Drawing.....	Drawing.....	Drawing.....	.....
Geometry.....	Geometry.....	Geometry.....	Geometry.....	Geometry.....
English.....	English.....	English.....	English.....	English.....
Physics.....	Physics.....	Physics.....	Physics.....	Physics.....
Latin.....	French.....	French.....	French.....	German.....
Pedagogics.....	German.....	German.....	German.....	Drawing.....
.....	Drawing.....	Drawing.....	Drawing.....	.....
Geometry.....	Geometry.....	Geometry.....	Geometry.....	Geometry.....
English.....	English.....	English.....	English.....	English.....
Physics.....	Physics.....	Physics.....	Physics.....	Physics.....
Latin.....	French.....	French.....	Botany.....	German.....
Botany.....	German.....	German.....	German.....	Botany.....
Pedagogics.....	Botany.....	Drawing.....	Drawing.....	Drawing.....
.....	.....	.....	.....	.....
NORMAL COURSE.	SCIENTIFIC COURSE.	CIVIL ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Trigonometry...	Trigonometry...	Trigonometry...	Trigonometry...	Trigonometry...
Rhetoric.....	Gen'l Chemistry	Gen'l Chemistry	Gen'l Chemistry	Gen'l Chemistry
Gen'l Chemistry	German.....	German.....	German.....	German.....
Latin.....	Botany.....	Blowpipe.....	Botany.....	Botany.....
Pedagogics.....	Blowpipe.....	Ap. Math.....	Blowpipe.....	Blowpipe.....
.....	.....	.....	Ap. Math.....	Ap. Math.....
Survey. & Nav...	Survey. & Nav...	Survey. & Nav...	Survey. & Nav...	Survey. & Nav...
Gen'l Chemistry	Gen'l Chemistry	Gen'l Chemistry	Gen'l Chemistry	Gen'l Chemistry
Latin.....	German.....	German.....	German.....	German.....
Zoology.....	Zoology.....	Ap. Math.....	Zoology.....	Zoology.....
Pedagogics.....	Anal. Chem.....	Anal. Chem.....	Ap. Math.....	Anal. Chem.....
.....	.....	.....	Anal. Chem.....	.....
Anal. Geom.....	Anal. Geom.....	Anal. Geom.....	Anal. Geom.....	Anal. Geom.....
Gen'l Chemistry	Gen'l Chemistry	Gen'l Chemistry	Gen'l Chemistry	Gen'l Chemistry
Latin.....	German.....	German.....	German.....	German.....
Pedagogics.....	Zoology.....	Ap. Math.....	Zoology.....	Zoology.....
.....	Anal. Chem.....	Anal. Chem.....	Ap. Math.....	.....
.....	.....	.....	Anal. Chem.....	.....



## COURSES OF STUDY--Continued.

JUNIOR YEAR.		FIRST TERM.	CLASSICAL COURSE.	LATIN LETTERS COURSE.	MODERN LANGUAGES COURSE.	ENGLISH COURSE.
			Anal. Geom.....	Anal. Geom.....	Anal. Geom.....	Anal. Geom.....
			Eng. Lit.....	Eng. Lit.....	Eng. Lit.....	Eng. Lit.....
			Physiology .....	Physiology .....	Physiology .....	Physiology .....
JUNIOR YEAR.		SECOND TERM.	Latin.....	Latin.....	French.....	Mineralogy.....
			Greek.....		German .....	
JUNIOR YEAR.		THIRD TERM.				
			Calculus.....	Calculus.....	Eng. Lit.....	Eng. Lit.....
			Eng. Lit.....	Eng. Lit.....	General History..	General History..
			General History..	General History..	Geology.....	Geology.....
JUNIOR YEAR.		THIRD TERM.	Geology.....	Geology.....	French.....	
			Latin.....	Latin.....	German .....	
			Greek.....			
SENIOR YEAR.		FIRST TERM.	Calculus.....	Calculus.....	Eng. Lit.....	Eng. Lit.....
			Eng. Lit.....	Eng. Lit.....	General History..	General History..
			General History..	General History..	Geology.....	Logic.....
			Logic.....	Logic.....	French.....	Astronomy.....
SENIOR YEAR.		SECOND TERM.	Latin.....	Astronomy.....	German .....	
			Greek.....	Latin.....		
SENIOR YEAR.		THIRD TERM.				
			Philology.....	Philology.....	Philology.....	Philology.....
			Evidences of Christianity.	Evidences of Christianity.	Evidences of Christianity.	Evidences of Christianity.
			Criticism.....	Criticism.....	Criticism.....	Criticism.....
SENIOR YEAR.		THIRD TERM.	Const. of U. S....	Const. of U. S....	Const. of U. S....	Const. of U. S....

## COURSES OF STUDY--Continued.

NORMAL COURSE.	SCIENTIFIC COURSE.	CIV. ENGIN. COURSE.	MIN. ENGIN. COURSE.	AGRICULTURAL COURSE.
Anal. Geom.....	Anal. Geom.....	Anal. Geom.....	Anal. Geom.....	Anal. Geom.....
Eng. Lit.....	Physiology.....	Mineralogy.....	Mineralogy.....	Physiology.....
Physiology.....	Mineralogy.....	Anal. Chem.....	Anal. Chem.....	Mineralogy.....
Pedagogics.....	Anal. Chem.....	Ap. Math.....	Ap. Math .....	Stock Breeding.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
Calculus.....	Geology.....	Calculus .....	Geology.....	Geology.....
Eng. Lit.....	Biology.....	Geology.....	Anal. Chem.....	Entomology.....
General History.	Anal. Chem.....	Anal. Chem.....	Ap. Math .....	Agricultural
Geology.....	.....	Ap. Math.....	.....	Chemistry.....
Pedagogics.....	.....	.....	.....	Machinery.....
.....	.....	.....	.....	.....
Eng. Lit. ....	Geology .....	Calculus.....	Geology.....	Anatomy .....
General History.	Anatomy.....	Geology.....	Anal. Chem.....	Astronomy.....
Astronomy.....	Anal. Chem.....	Anal. Chem.....	Ap. Math.....	Anal. Chem.....
History of	.....	Ap. Math.....	.....	Book-keeping.....
Education.	.....	.....	.....	.....
School Law.....	.....	.....	.....	.....
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# SCHEME OF RECITATIONS.

	FIRST HOUR.	SECOND HOUR.	THIRD HOUR.	FOURTH HOUR.	FIFTH HOUR.	SIXTH HOUR.
FIRST TERM.	Mental Philosophy. Jun. Ap. Math. Soph. Lat. Soph. Bot. Sub-F. Mod. Lang.	Political Economy. Jun. Lat. and Greek. Mineralogy. General Chem. Fresh. Mathematics.	Natural Philosophy. Jun. Mathematics. Soph. Ap. Math. Rhetoric. Fresh. Mod. Lang. Fresh. Greek.	Physiology. Soph. Mod. Lan. Soph. Greek. Freshman English.	English Literature. Freshman Latin. Fresh. Ap. Math.	Hist. of Civilization. Jun. Mod. Language. Soph. Mathematics. Phys. Geography.
SECOND TERM.	Moral Philosophy. General History. Junior Ap. Math. Sophomore Latin. Zoology. Sub-F. Mod. Lang.	International Law. Jun. Lat. and Greek. General Chemistry. Fresh. Mathematics.	Natural Philosophy. Junior Mathematics. Soph. Ap. Math. Rhetoric. Fresh. Mod. Lang. Fresh. Greek.	Geology. Soph. Mod. Lang. Sophomore Greek. Freshman English.	English Literature. Freshman Latin. Fresh. Ap. Math.	Hist. of Philosophy. Biology. Junior Mod. Lang. Soph. Mathematics. Freshman Physics.
THIRD TERM.	Ev. of Christianity. General History. Jun. Ap. Math. Sophomore Latin. Freshman Botany. Sub-F. Mod. Lang.	Philology. Jun. Lat. and Greek. General Chemistry. Fresh. Mathematics.	Junior Mathematics. Soph. Ap. Math. Rhetoric. Fresh. Mod. Lang. Fresh. Greek.	Criticism. Geology. Junior Astronomy. Soph. Mod. Lang. Sophomore Greek. Freshman English.	English Literature. Zoology. Freshman Latin. Fresh. Ap. Math.	Logic. Comp. Anatomy Junior Mod. Lang. Soph. Mathematics. Freshman Physics.

N. B.—Special arrangements will be made for those classes not provided for in the above Scheme.



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MILITARY.

Instruction in this department is designed to impart to each male student, not physically incapacitated to bear arms, practical instruction in the school of the soldier, of the company, and the battalion; the duties of guards, outposts and pickets.

The drills occurs not over three times a week, and, being short, they involve no hardship, while it is manifest that they afford a good health-giving exercise and aid in the development of the physique and manly carriage of the cadet. The entire body of male students is divided into companies which are officered by cadets, selected for proficiency in drill, good deportment and scholarship. The cadet officers are regarded as assistants in the enforcement of discipline, and their orders, while on duty, are considered as duly authorized and must be obeyed accordingly.

Cadet officers are expected and required to set examples of military deportment and general good conduct.

A neat suit of cadet gray with brass buttons and black trimmings, will be required to be worn by all males.

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ROSTER OF BATTALION A. I. U. CADETS.

COL. O. C. GRAY, COMMANDANT.

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STAFF OFFICERS.

J. B. McDONOUGH, *First Lieutenant and Adjutant.*

E. P. LEE, *Second Lieutenant and Acting Quartermaster.*

G. JONES, *Second Lieutenant and Ensign.*

J. W. PICKEL, *Ordnance Sergeant.*

H. D. CHANEY, *Sergeant-Major.*

## LINE OFFICERS.

## “A” Company.

F. W. ELLIS, *Captain*.  
J. I. MOORE, *First Lieutenant*.  
B. L. STOVALL, *Second Lieutenant*.  
G. C. SHELL, *First Sergeant*.  
W. B. PAPE, *Second Sergeant*.  
D. B. MADDEN, *Third Sergeant*.  
P. A. ROGERS, *Fourth Sergeant*.  
F. M. HUGHES, *Fifth Sergeant*.

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## “B” Company.

O. S. REIFF, *Captain*.  
J. J. WATSON, *First Lieutenant*.  
W. D. BROWN, *Second Lieutenant*.  
T. F. OATES, *First Sergeant*.  
W. R. CHERRY, *Second Sergeant*.  
J. F. MAYES, *Third Sergeant*.  
W. C. WALLIS, *Fourth Sergeant*.  
*Fifth Sergeant*.

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## “C” Company.

L. W. GREGG, *Captain*.  
W. D. JACOWAY, *First Lieutenant*.  
A. H. CARRIGAN, *Second Lieutenant*.  
R. W. McFARLANE, *First Sergeant*.  
T. C. DAVIS, *Second Sergeant*.  
W. M. CLAYPOOL, *Third Sergeant*.  
W. W. ENGLAND, *Fourth Sergeant*.  
D. HON, *Fifth Sergeant*.

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## A. I. U. Cornet Band.

Lieutenant W. A. BRIANT, *First Leader*.  
Lieutenant J. L. REINACH, *Second Leader*.

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Sergeant C. D. GREAVES, *First B. Flat.*  
Lieutenant R. E. L. VANWINKLE, *Solo Alto.*  
Sergeant C. K. CHANSLOR, *First Alto.*  
Sergeant R. B. McCULLOCH, *Second Alto.*  
Sergeant D. A. GATES, *Third Alto.*  
Sergeant J. A. M. LANIER, *First Tenor.*  
Sergeant E. W. DANIELS, *Second Tenor.*  
Sergeant J. W. HENDERSON, *Baritone.*  
Sergeant H. STROUP, *Tuba.*  
Sergeant H. WELLS, *Base Drum.*  
Sergeant C. GRAY, *Snare Drum.*

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## DEPARTMENT OF INSTRUCTION.

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### MENTAL AND MORAL SCIENCE.

GEN. D. H. HILL.

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These studies, so admirably adapted to train the mind and cultivate the heart, belong to the President's Department. The former explains the phenomena of the mind, and the best method of employing its faculties in reasoning aright. The latter by subordinating all the mental powers to divine truth and an enlightened conscience, guards against the seductions of error and the allurements of passion.

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### TEXT BOOKS.

Porter's Intellectual Science.

Alexander's Evidences of Christianity.

Wayland's Moral Philosophy. Bowen's Logic.

Townsend's Civil Government.

Perry's Political Economy.

In English Literature—Marsh, Trench and Shepherd.



## NORMAL DEPARTMENT.

PROF. GATES.

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The design of this department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English Branches, in order to enter this department.

In addition to a thorough knowledge of the branches to be taught, the work comprehends :

1. Training in methods of imparting instruction in the branches to be taught.
  2. Methods of leading pupils to think and investigate for themselves.
  3. How to grade and organize the various kinds of schools.
  4. Government or discipline of schools.
  5. Duties of teachers as governed by School Law.
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## ANCIENT LANGUAGES.

PROF. LEVERETT.

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Instruction in this department is distributed into two schools.

## 1. SCHOOL OF ANCIENT LANGUAGES.

There are four classes in Latin and the same number in Greek. The mode of instruction is by translations from the Text Books into English, and from English into Latin and Greek. The principles and idioms of the languages are carefully studied, with a view to a better acquaintance with the principles of the English speech.

Due prominence is given to Latin and Greek composition, and also to the Literature and History of Greece and Rome.

Candidates for admission to the Freshman class must come well drilled in Harkness' Grammar and Reader, Latin and Greek, or their equivalents, and must have read two books in Cæsar's Commentaries, and two books of Xenophon's Anabasis.

## TEXT BOOKS.

## LATIN—FRESHMAN CLASS.

Cæsar Third and Fourth Books.

Cicero's Orations against Cataline.

Æneid Six Books.

Exercises in writing Latin Composition.

## SOPHOMORE CLASS.

Horace, Odes, Epodes, and Selections from Satires and Epistles.

## JUNIOR CLASS.

Tacitus—Germania, Agricola and Annals.

Juvenal's Satires.

## GREEK—FRESHMAN CLASS.

Xenophon's Anabasis (completed).

Harkness' Greek Composition.

Exercises in writing Greek.

## SOPHOMORE CLASS.

Homer, (Selections from Iliad).

Herodotus, (selections)

Exercises in Writing Greek.

## JUNIOR CLASS.

Demosthenes, (public orations).

Aristophanes

Selections from the Lyric Poets.

*Books of Reference:*—Liddel's Rome, Brown's Roman Literature, Smith's History of Greece,

## MODERN LANGUAGES.

PROF. EDMISTON.

The languages taught in this school are the French and the German. The course of study in both for the first two years (Sub-Freshman and Freshman), is uniform for all classes of students, and is designed to impart to the student a practical familiarity with the idioms and vocabularies of the two languages. In the Sophomore year, a special course in Scientific German will be given the students in the scientific departments. For other students the Sophomore and Junior years will be devoted to the literary study of the two languages. The text books to be used will be announced at the opening of the next term.

## PURE MATHEMATICS.

PROF. GRAY.

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The course of study for the various degrees is completed in the third term of the Junior year, and embraces Algebra, Geometry, Trigonometry, Analytical Geometry, Descriptive Geometry, Solid Geometry and Calculus.

## ALGEBRA

(taught by use of text and reference books and frequent lectures) is confined to the first term of the Freshman year, and embraces the elementary principles; equations; simple and quadratic; ratio, proportion, progression, inequation and differentiation; indeterminate coefficients; trinomial theorem in development of functions; logarithms; indeterminate analysis; Sturm's theorem and Horner's method of solving higher equations.

## GEOMETRY

(taught by the same methods as mentioned for Algebra) is confined to the second and third terms of the Freshman year, and embraces the treatment of straight lines, angles and polygons; proportion, with its application to geometrical investigation; the circle and the theorems dependent upon its properties; proportions and measurement of polygons and circles; intersections and relative positions of planes; solid and spherical geometry, and under the subjects, a variety of original and practical problems for class work.

## TRIGONOMETRY

(taught by use of approved text books and familiar lectures) is confined to the first term of the Sophomore year; and embraces general propositions in Plane Trigonometry; equations for sines, cosines, etc.; the use of logarithms; oblique and right angled triangles and their projection; Napier's Circular Parts and Analogies; and in order to fix the principles of Plane and Spherical Trigonometry in the mind, applications are made



to surveying and navigation, during the second term of the Sophomore year.

#### TO SURVEYING,

in the theory, adjustment and use of instruments; rectangular surveying, as practiced on government surveys; area of land; finding section corners; retracing old lines; topographical and railroad surveying; field practice, with compass, chain, level and rod:—

#### TO NAVIGATION,

by problems in plane sailing; differences in latitude and longitude; Mercator's sailing; computing meridional parts; sailing in currents; finding places by solar and lunar observations, practical use of quadrant.

#### DESCRIPTIVE GEOMETRY

is taught in the second term of Sophomore year by lectures, and use of Church or Warren's text books.

#### ANALYTICAL GEOMETRY

is taught by lectures and use of text books, and is confined to two terms, and embraces the Cartesian method of co-ordinates; construction of equations; transformation of co-ordinates, and properties of the Conic sections.

#### CALCULUS

is taught by the use of text books and familiar lectures. This study embraces Differential Calculus applied to the differentiation of algebraic, exponential, logarithmic, trigonometrical and circular functions; successive differentiations; differential co-efficients; implicit and compound functions; Maclaurin's formula; Taylor's formula: evolutions of indeterminate expressions; maxima and minima of functions of one variable.

#### INTEGRAL CALCULUS.

Elementary rules; subordinate circular forms; separation by indeterminate co-efficients; rationalization; formula for integration by parts; integration by infinite series; successive integration; method of disposing of the constant of integration.

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 TEXT BOOKS.

Algebra—Robinson's University.

Geometry—Schuyler.

Analytical Geometry—Loomis.

Calculus—Loomis.

Plane Trigonometry—Schuyler.

Surveying and Navigation—Schuyler.

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 PHYSICS AND CHEMISTRY.

PROF. CONRAD.

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 PHYSICS.

This department embraces Physics proper and Astronomy.

**PHYSICS.**—The Freshman Class studies *Elementary Physics* during the last two terms. The course embraces the groundwork of future scientific study, and gives correct ideas upon common phenomena in every day life. Additional apparatus has just been purchased, and the subjects will be fully illustrated.

*Text Books.*—Wells, (new edition); Notes and Problems.

The Senior Class studies *Advanced Physics* during two terms.

*Text Books.*—Ganot's Physics; Notes and Problems. Special treatises will be recommended upon Acoustics, Optics, and Electricity.

**ASTRONOMY.**—The Junior Class studies *Descriptive Astronomy* during the third term.

*Text Books.*—Newcomb & Holden.

The Senior Class studies *Spherical and Physical Astronomy* during two terms. Recent additions of charts, photographs, etc., will add to the interest of this study. A small telescope will be brought to the aid of the student.

*Text Books.*—Norton. *Reference.*—Newcomb, Chauvenet.

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CHEMISTRY.

This department is divided as follows :

## GENERAL CHEMISTRY.

This course is studied by the Sophomore Class during the entire year. The first term is devoted to Chemical Physics, embracing the applications of the Metric System, Specific Gravity, Analytical Balance, the principles of Osmose and Diffusion, and the laws of heat, light, and electricity, in their bearing upon future studies in Chemistry.

*Text Books.*—Lectures, Notes, and Problems. *Reference.*—Miller, Cooke, Pynchon. The study of Chemistry begins with the second term.

The aim in this class is to secure, first of all, a thorough understanding of the principles of Chemical Philosophy. Much attention is given to the solution of problems, illustrating chemical combination by weight and by volume, and the use of chemical symbols. In the treatment of the non-metallic and metallic elements, and in the presentation of the main facts and principles of Organic Chemistry, it is the design to show the application of the principles of Modern Chemical Theory, as well as to bring out such facts, and their applications in the arts and manufactures, as are of common interest. The lecture room has been well fitted up, and supplied with ample facilities for class illustration.

*Text Books.*—Norton's Elements; Notes and Problems. *Reference.*—Barker, Cooke, Fownes, Miller, Roscoe, Naquet.

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INDUSTRIAL CHEMISTRY.

This course, which is taken up in the Senior year, embraces a discussion in detail of the processes and chemical principles involved in the application of Chemistry in the more important Arts and Manufactures, in the reduction of ores, the preparation of materials for food and drink, for clothing, shelter, heating, illumination, cleansing, writing, printing, etc.

*Text Books.*—Wagner's Chemical Technology. *Reference.*—Watt, Ure, Muspratt, Appleton's Dictionary.



## ANALYTICAL CHEMISTRY.

This study may be taken up by all students who may desire it. It embraces Blowpipe Work and Determinative Mineralogy, Qualitative and Quantitative Analysis, Assaying and Metallurgy. The student is taught the use of the Blowpipe and the mode of detecting simple substances; ample practice in this and other forms of chemical manipulation being given. A systematic course of Qualitative Analysis is then taken up, and having learned to detect the more important chemical substances, the student is required to analyze and report upon substances given him, including mixtures of salts, ores, and other compounds. Quantitative Analysis is at first confined to known substances; when confidence and accuracy have been acquired, the student is given, in progressive series, more difficult substances, as ores, minerals, manures, soils, mineral waters, technical products, etc. Determinative Mineralogy is studied by the aid of the blowpipe during the first term of the Junior year. A course of fire assaying, adapted to the grade of each class, is pursued during the winter months. Especial attention will be given to the Analysis of State Minerals and Ores. The laboratory is provided with two of Becker's best balances, and recent appropriations will materially aid in supplying apparatus.

Each student in the Chemical Laboratory is required to deposit \$10, and is furnished with working-table, reagents and necessary apparatus. At the close of the session, he will be credited with such articles as may be returned in good order; the cost of materials used and the value of articles injured or destroyed will be deducted from the deposit.

*Text Books.*—Notes and Lectures. Also recommended Brush, Erni, or Elderhorst, *Fresenius & Wohler*, *Ricketts* or Mitchell, Phillips Crooke & Rohrig's Metallurgy.

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## AGRICULTURAL CHEMISTRY.

A course of lectures will be delivered, embracing a discussion of the physical and chemical properties of soils, and the

chemistry of vegetable life and growth, of manures, of composting, of such farm operations as plowing, fallowing, draining, etc.

*Text Books.*—S. W. Johnson, J. F. W. Johnston, Liebig. For Agricultural Chemical Analysis.—Church & Caldwell,

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## COURSE IN BIOLOGY.

PROF. HARVEY.

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### GENERAL BOTANY

Begins with the Spring term of the Freshman year, and is continued through the first term of the Sophomore year.

Applicants for the A. B. and Civil Engineering degrees do not study Botany.

The first term is devoted to a consideration of the structure and uses of the organs of plants, together with analysis, classification and study of the prominent orders of flowering plants.

Students do laboratory work, and prepare one hundred species for an Herbarium. In those courses where Botany is studied but one term, a collection of fifty species only will be required.

The second term is devoted to a study of the Compositæ, Gramineæ, Cyperaceæ, and other difficult orders, together with a course in Cryptogamic and Economic Botany.

### CRYPTOGAMIC BOTANY

embraces the characters of the equisetums, ferns, mosses, liverworts, ground pines, fungi, lichens, and algæ.

The ferns of the State are classified. The economic value of fungi and lichens is considered, also the prominent forms of injurious fungi.

### ECONOMIC BOTANY

embraces a consideration of the uses of plants in the economy of nature and to man. It is considered under the divisions:

fibre, food, forage, medicinal and ornamental plants; plants yielding dyes, gums, spices, narcotics, etc.

#### BOTANICAL TEXT AND REFERENCE BOOKS.

Gray's Manual and Lessons.      Wood's Botany.      Gray's Structural Botany.  
 Sach's Text Book.      Various Catalogues and Government Reports.  
 United States Dispensatory.      Gray's Genera Illustrata, etc.  
 Torrey & Gray's Flora of North America.  
 Bessey's Botany.      Gray's Flora of North America.      Chapman's Southern Flora.  
 LeMaout & Decaisne's Descriptive and Analytical Botany.

#### COMPARATIVE ZOOLOGY.

This subject occupies the second and third terms of the Sophomore year; embraces morphology, physiology, classification, distribution in time and space, habits and uses of the prominent forms of life. The subject is illustrated by specimens and the use of the compound microscope.

#### PHYSIOLOGY.

Advanced Physiology is considered during the first term of the Junior year. It will embrace Human Anatomy, Physiology and Hygiene.

#### COMPARATIVE ANATOMY

occupies the third term of the Junior year, and embraces a comparison of the muscular, osseous, nervous, digestive, circulatory and respiratory systems in man, with those of the lower animals.

#### ADVANCED BIOLOGY

will occupy one term in the Junior year, and embraces laboratory work and classification.

Applicants for B. S. and B. Agl. degrees take the entire biological course. Civil Engineers do no biological work. Physiology is required of applicants for all except engineering degrees, while applicants for the B. E. L. and M. E. degrees pursue Botany one term, and Zoology two terms.



## REFERENCE AND TEXT BOOKS IN ZOOLOGY.

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|---|--|
| Flint and Dalton's Works on Physiology.             | Gray's Anatomy.                                |
| Orton and Nicholson's Works on Comparative Zoology. |  |
| Owen's Physiology and Anatomy of Vertebrates.       | Carpenter's Principles of Comparative Zoology. |
| Darwin's Works.                                     | Cou's Key to North American Birds.             |
| Tenny's Manual of Zoology.                          | Packard's Guide to the Study of Insects.       |
| Flint's Insects Injurious to Vegetation.            | Various Government Reports.                    |
| Chauveau's Comparative Anatomy.                     | Jordan's Manual of Vertebrates.                |
| (Entozoa, Cobbold.)                                 | (Veterinary Surgery, Williams.)                |
| Wallace's Distribution of Animals.                  | Packard's Manual of Zoology.                   |

## COURSE IN GEOLOGY AND MINERALOGY

begins in the Freshman year with *Physical Geography*, when the general surface features of the earth are considered.

## MINERALOGY AND LITHOLOGICAL GEOLOGY

occupy the first term of the Junior year, and consider rock masses and mineral species. The work is impressed by cabinet specimens and blow-pipe analysis. State minerals receive special consideration.

## DYNAMICAL AND HISTORICAL GEOLOGY

occupy the second and third terms of the Junior year. Succession of strata, characteristic fossils, division of formations into times, ages and periods, geology of the State, methods of conducting geological surveys, field work, succession of strata in this region, economic geology, changes our earth has undergone in rock formations, vegetable and animal life, causes that have and are still modifying the features of the earth.

## TEXT BOOKS.

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|---|---|--------------------------|
| Dana's Text Books and Manuals.            | LeConte's Geology.                                | Lyell's Principles.      |
|   | Cornell, Guyot and Warren's Physical Geographies. |                          |
| Geological Surveys of many of the States. |   | Also Government Reports. |

## APPLIED MATHEMATICS.

For students wishing to pursue the Engineering Course, a course of special training in English, French, German, Ele-

mentary Mathematics and Drawing has been provided, embracing two years in the Preparatory Department, and the first year in Collegiate Department.

The School of Applied Mathematics is designed as the basis of the course in Civil Engineering and Mining Engineering. The work proper begins with the first term of the second or Sophomore year, and embraces a three years' course in the applications of Pure Mathematics to the solutions of such problems as are constantly presented to the practical engineer.

The course is divided as follows :

#### GEODESY.

In this branch are discussed the different methods of surveying and dividing land, whether in large or small tracts, leveling, topographical surveying, general theory and use of field instruments. Students are required to make plats and calculations from data determined by themselves in the field. Higher Geodesy and the projection of maps will be taught in the second term of the third year.

#### PARALLEL PROJECTIONS.

This subject is here extended to more complex problems than are required in Pure Mathematics. Each of the systems, orthogonal, axonometric and oblique, are discussed, and students construct the projections of various objects presented.

#### (C) CENTRAL PROJECTIONS.\*

Under this head the principles of linear perspective are fully considered, and students construct the perspective of various objects, both simple and regular in form.

#### ROADS, RAILWAYS, TUNNELS AND CANALS.

The principles of the construction of each of these are fully presented, and, as far as practicable, students are required to apply for themselves these principles in the field, in laying out and staking curves, computing various cuts and fills, etc.

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\* Subjects marked (C) are only required in the course of Civil Engineering; those not otherwise designated are studied in each course.



## STRENGTH OF MATERIALS.

In this branch the power of resistance of different materials and the calculation of the various strains to which they are subjected are taught, and the student is required to apply his knowledge by the solution of a number of problems relating to the stability of different structures.

## (C) ARCHES, BRIDGES, ROOFS.\*

The general principles of the arch and its modifications are given, together with the calculations of its strength. The various kinds of bridges are discussed. Particular attention is paid to the forms of truss used in the construction of roofs. Students make the working drawings for different constructions, and calculate the stability required in the various parts.

## (C) ARCHITECTURE.\*

This subject is devoted to the consideration of the different ancient orders and their modifications, with a brief history of the same. Special attention is given to the modern styles of public and private buildings. Plans, elevations and perspective drawings of various kinds of buildings are made by students.

## MACHINES AND MACHINERY.

The subject embraces the gearing of machinery, study of various machines in detail, construction of mill-work, and a course in design.

## HYDRAULIC ENGINEERING.

In this branch of the subject are taught the methods of collecting, conveying and distributing water for city supplies and manufacturing purposes; construction of reservoirs and sewers; theory of river and coast improvements, and theory of Hydraulic motors.

## ENGINES.

The student has his attention drawn to the mechanism, working and use of various kinds of steam and gas engines, locomotives, etc.

\* Subjects marked (C) are only required in the course of Civil Engineering; those not otherwise designated are studied in each course.



**(M) MINING.\***

Here are studied the various operations of sinking vertical and inclined shafts, and driving tunnels; the means of ventilating mines—the machinery used; and the estimation of costs in working a mine.

**(M) UNDERGROUND SURVEYING.\***

Under this head are taught the methods of laying out work underground, and the construction of lines of communication beneath the surface.

**(M) UNDERGROUND STRUCTURES.\***

In this subject the attention of the student is called to the constructions that are necessary in mining, and, as far as possible, an idea is given him of the circumstances on which these will depend, and the best means of securing stable structures in any given case.

**DRAWING.**

In this course the use of drafting instruments is taught, and the student is gradually led from the representation of simple objects to those more complex in form. Students in the course of civil engineering pursue this branch throughout the entire three years; for those in Mining Engineering the subject is not carried to the same extent. But in both courses it is as far as possible made parallel with the above mentioned branches. Each student is required to execute for himself such drawings as serve to impress the principles taught under the different subjects.

A commodious drawing room has been fitted up with the most approved style of furniture. But each student has to provide himself with suitable drafting instruments. The cost of such a set will be about fifteen dollars.

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\* Subjects marked (M) are only required in the course of Mining Engineering.

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FIELD WORK.

The Engineering Department is furnished with surveyor's and engineer's field instruments of the best construction. These are taken separately and explained to the class. Students are then required to apply their knowledge to the making of actual surveys, laying out and staking curves, running levels, calculating cuts, fills, etc.

This work, like the course in drawing, is more limited for the students in mining engineering, but for those in civil engineering it extends through the entire course. Students in each class are required to show skill and ability for the performance of the field operations of their profession.

## TEXT BOOKS AND WORKS FOR REFERENCE.

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|---|---|
| Warren's Course—Including "Free Hand Drawing.               | Elementary Plane Problems.                |
| Elementary Projection Drawing.                              | Descriptive Geometry. Shades and Shadows. |
| Linear Perspective."  | Troutwine's Pocket Book.                  |
| Smith's Topographical Drawing.                              | Barry's Railway Appliances.               |
| Rankine's Works—Civil Engineering, Machinery and Mill Work. |   |
| Mahan's Civil Engineering.                                  | Vose's Manual for Railway Engineers.      |

Additions will be given in the form of notes on points where they are deemed necessary.

## DEPARTMENT OF MUSIC.

MISS FANNIE LOCKHART.

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## PIANO-FORTE.

The course of instruction comprises four years. In case of close attention and extraordinary ability, on the part of the pupil, the required standard may be reached in less time.

## FIRST YEAR.

The first year will be chiefly devoted to the study of the first principles of Music, five-finger exercises, practice of the Scales and such intellectual studies as will prepare the pupil for the lighter compositions of Clementi, Kuhlau, Mozart, etc.

## SECOND YEAR.

Practice of the Scales; arpeggios, and studies of Czerny, Moschelles, Clementi, etc. and the easier compositions of Mozart, Clementi, Beethoven, etc.

## THIRD YEAR.

Practice of the Scales, development of the trill, wrist practice, advance studies of Czerny, Heller, and compositions by Leybach, Fesca, Chopin, Hayden, Beethoven, and others.

## FOURTH YEAR.

Studies of Cramer, Rubinstein, etc., and compositions by Thalberg, Liszt, Hummel, Beethoven, etc.

Great care will be taken to develop a taste in the pupil for the purest and noblest order of Music.

## VOICE CULTURE.

Development of a pure tone. Studies having for their object to render the voice flexible. Studies on expression, breathing, pronunciation, etc. Etudes by Lutgen, Rossini, Marchesi, Concone, Bordogni.

## VIOLIN.

## FIRST YEAR.

Practice of bowing, finger exercises, Maza's Instructor.

## SECOND YEAR.

Etudes of Dancs, and instructive arrangements from the Operas.

## THIRD YEAR.

Kaiser's Etudes, Sonatas by Hayden, Schubert, etc.

## FOURTH YEAR.

Kreutzer's Etudes, compositions by De Beriot, Kreutzer, etc.



## TERMS.

## TWO LESSONS PER WEEK.

Piano-Forte, primary pupils.....	\$10 00 per term.
Piano-Porte, advanced pupils.....	15 00 per term.
Voice Culture, class of four, each.....	3 75 per term.
Voice Culture, class of three, each.....	5 00 per term.
Voice Culture, class of two, each.....	7 50 per term.
Voice Culture, private lessons.....	15 00 per term.
Violin, class of five, each.....	3 00 per term.
Violin, class of four, each.....	3 75 per term.
Violin, class of three, each.....	5 00 per term.
Violin, class of two, each.....	7 50 per term.
Violin, private lessons.....	15 00 per term.
Use of piano, one hour per day.....	3 50 per term.

One-half of tuition must be paid in advance, balance at the end of term.

No deduction will be made on account of absence from recitations, excepting in cases of prolonged sickness ; then the loss will be shared equally between student and teacher.

Certificates of proficiency will be given.

No charge is made to the students for the following work :

The Preparatory Department will receive instructions in Vocal Music once a week.

Collegiates, vocal instruction once a week.

Advanced pupils in music, harmony once a week.

The Concordia Society, composed of members advanced in vocal music, has drill in chorus singing, twice a week.

Orchestra meets for practice twice a week.

PREPARATORY COURSE.

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Students are not admitted into this department until they have become thoroughly familiar with the fundamental principles of Arithmetic, viz: Addition, Subtraction, Multiplication, Division, and first in order and in importance, notation and numeration. In reading, they must be able to understand and intelligently render specimens of the grade of the Fourth Reader; must have a knowledge of Primary English Grammar, Primary Geography, the rudiments of penmanship, and the spelling of ordinary words of the grade of the Fourth Reader.

In reading, the aim will be, first, to develop in the student a full, complete and definite idea of the meaning of the sentence; second, to obtain from the student a natural, easy and graceful expression of the entire thought, as expressed in the sentence.

Spelling will be required of students throughout the entire course, and an endeavor made to secure the correct use of letters and other marks in the formation of every word used.

English Grammar will be taught by requiring the students to form sentences of their own, as well as to analyze those of others. Thus Grammar and Composition will go hand in hand. The student will gradually be led from the simplest constructions to those the most difficult and abstruse. The instruction of the C class will be oral, but as the comprehension of the student enables him to use books to advantage, they will be placed in his hands.

In Arithmetic, processes precede principles, and the object will be to obtain, first, a full understanding of methods, then accuracy in work, and, finally, rapidity. Much parallel work

is given. Each recitation will be conducted both orally and in writing. Arithmetic is completed in the A year.

In Algebra, students are required to master everything to equations of the second degree.

Oral geography will begin in the C class, with map drawing and familiar lessons concerning known localities, and as the comprehension of the student enables him to use text books to advantage, they will be placed in his hands. Map drawing will be continued until the course is finished. Drawing will be taught regularly only as applied to mathematics and sciences.

The course in Latin includes a thorough mastery of the 1st and 2nd books of Cæsar's Commentaries, as well as the principles of the grammar.

The Greek year is devoted to a mastery of inflections and elementary construction. Students are exercised by frequent translations from English into Greek and Latin.

#### TEXT BOOKS.

Reading—Appleton. Penmanship—Spencerian. English Grammar—Reed & Kellogg.

Arithmetic—White.

Geography—Monteith.

Latin.

French.

German.

Algebra—Peck.

Greek.

English Composition—Hart.

United States History—Ridpath.



## GENERAL INFORMATION.

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This institution was established in accordance with an Act of Congress, making a grant of land for its benefit, and in accordance with an Act of the General Assembly of this State, carrying out the object of said grant.

### AIM OF THE UNIVERSITY.

The aim of the University is to comply strictly with the Acts of Congress and the General Assembly of this State, providing for and establishing it; and in order to this end, the University is "to teach such branches of learning as are related to agriculture and the mechanic arts, without excluding other scientific and classical studies, and including military tactics."

### LOCATION.

The Arkansas Industrial University is located within the corporate limits of the town of Fayetteville, Washington county. The location is thought to be unsurpassed by any other locality in the State, in salubrity of climate, beauty of surrounding scenery, fertility of soil, variety and perfection of agricultural and horticultural productions, and in the morality and intelligence of its people.

### TERMS AND VACATION.

The Scholastic year of the University consists of two terms of thirteen weeks each, and one term of fourteen weeks. There is no vacation between terms.

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CALENDAR.

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The terms commence and end as indicated by the following :

Calendar For the Scholastic Year 1881-82.

The Autumn Term will commence on the 5th of September, 1881, and close December 2nd, 1881.

The Winter Term will commence December 5th, and close March 3d, 1882.

The Spring Term will commence March 6th, 1882, and close June 8th, 1882.

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HOLIDAYS.

On motion of Trustee Gregg, the following resolution was adopted by the Board of Trustees :

*Resolved*, that we are of the opinion, that giving too many holidays in term time, has a great tendency to demoralize the classes of the University, and the Faculty are directed to allow Christmas and Thanksgiving as holidays, but no days for decoration.

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DEMERIT AND GRADING SYSTEM.

All violations of University Law, and all neglects of duty, bring upon the student a certain number of demerits proportional to the gravity of the offence, and 200 of these demerits will dismiss him. Every recitation of each student is marked according to its merit, using 100 as the maximum, and the average of all these marks is compounded with the examination and conduct marks, so as to determine the general or final average, and in making up the averages, each study counts in proportion to the number of recitations for the week, while conduct counts with the study taken the greatest number of times per week.

Each demerit received for the term takes off one-half of one from the deportment mark, thus, if a student have ten demer-

its, his deportment mark will be 95, which counts as a study mark.

The first man in each class of the Collegiate Department is indicated in the catalogue by the number 1, and the second by number 2, etc., etc.

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## REQUIREMENTS.

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### UNIFORM FOR LADIES.

For females, during the warmer seasons of Spring and Summer, pink dresses of calico, chambrey, gingham or muslin; white aprons and blue sun-bonnets. For winter, black dresses, white aprons, and scarlet zephyr hoods in severe weather, both for school and sabbath wear; the blue sun-bonnets and hats may be worn in milder weather; black wraps, sailor hats for children of 12 years and under; gipsy bonnets for older girls and young ladies; these bonnets to be of straw for spring, and felt for winter. The graduating costume: white dresses, of light filmy fabrics, such as Swiss, Bishops, or Mull Muslins; these dresses to be made without trains. All dresses are expected to be trimmed neatly and tastily, but not extravagantly. Every girl should be provided with a comfortable water-proof, a pair of arctic shoes, and an umbrella, each of which should have her name indelably attached to it.

The above uniform is obligatory on all lady students.

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### FOR GENTLEMEN.

A nice suit of cadet gray, with brass buttons, and black trimmings. This dress is obligatory on all males.

The following is the description:

COAT—(Full Dress); Frock, of cadet gray material; single breasted; nine buttons in front, four buttons on skirt in rear, three small buttons on each cuff. The skirt to extend from



one-half to three-fourths the distance from the hip-joint to the bend of the knee. Coat to be piped with black; standing collar, not less than one nor more than two inches in width, of black cloth, cut square to hook close in front. Skirt of coat on each side of spring behind, to be faced with black cloth; two bands of black cloth, one-half inch in width, and one inch apart, on each sleeve, two and one-half inches from the end.

BLOUSE—(For Squad and Company Drill, and other duty when authorized by proper authority, and for ordinary wear): A sack coat of a good article of cadet gray, falling collar, single breasted, with five buttons in front, and three on each cuff; the skirt to extend from one-third to two-thirds of the distance from the hip-joint to the bend of the knee; no outside pockets; piped with black.

PANTALOONS—To be cadet gray, same material as coat, with stripe of black cloth one inch wide down outside seam.

FORAGE CAP—Dark blue cloth, according to pattern, with initials "A. I. U.," surrounded by wreath, all in silver.

Cadets acting as officers and non-commissioned officers shall be designated by the following badges:

CAPTAIN—Chevrons of four bars of black cloth one-half inch in width, on each arm above the elbow, point up.

LIEUTENANT—Chevrons of three bars, same material and pattern.

ADJUTANT—The Lieutenant's chevron with an arch.

QUARTERMASTER—The Lieutenant's chevron with a horizontal bar.

SERGEANT—Chevrons of two bars, same material and pattern, point down.

FIRST SERGEANT—Sergeant's chevron, with a lozenge.

COLOR SERGEANT—Sergeant's chevron, with a star.

CORPORAL—Chevrons of one bar, same material and pattern.

COLOR CORPORAL—In addition to Corporal's chevrons, will wear upon both sleeves a star of black cloth, two inches in diameter.

Such uniform can be obtained in Fayetteville, and will be found more healthful and cheaper than ordinary clothing.

#### REQUIREMENTS

Students in all departments of the University are required to pursue not less than three distinct studies, and no student can drop or change studies without permission of the Faculty.

All beneficiary and normal students should be present at the opening of the Autumn Term; and unnecessary delay, either of old students in returning or of new ones reporting, will lead to the forfeiture of their appointments. The strictest attention to study, and most exact punctuality in attendance on recitations, and all other duties, are made the conditions of every student's continuance at the University.

#### RELIGIOUS AND MORAL CULTURE.

Religious services are held every morning and evening in the chapel.

All students are required to attend these exercises, and also to attend the Bible Class, the exercises of which are held in the chapel on Sunday. Opportunities are afforded for attending church, and students are expected to attend the one of their choice at least once on the Sabbath.

Will parents see that their children are furnished with Bibles on leaving home for the University?

Officers and Members of the Young Men's Christian Association of the Arkansas Industrial University.

PROF. G. W. DROKE, PRESIDENT.

R. R. MOORE, VICE-PRESIDENT.

O. C. BATES, SECRETARY.

T. F. OATES, TREASURER.

#### MEMBERS.

REV. G. W. HILL,

P. B. ADAIR,

E. M. HALL,

T. C. TERPIN,

J. O. DAVISON,

I. H. KING,

R. A. C. WRIGHT,

H. D. REINHARDT,

PROF. H. M. WELCH,

W. C. ADAIR,

W. H. DONOHOO,

I. F. SMITH,

W. C. WALLIS,

J. D. MCCOULLOUGH,

W. H. WOODALL,

B. S. PEARCE,

E. B. MCCALL.

## EXPENSES.

Board, including fuel, lights and washing, is obtained from \$10 to \$12 per calendar month.

Day boarding can be had for from \$7 to \$8 per month.

All Beneficiary and Normal Students, on entering the Preparatory Department, and all *new* students, on entering any of the Collegiate Departments, are required to pay a matriculation fee of \$5.

Tuition is free in all the departments of the University proper. Students entering the Preparatory Department, without either Normal or Beneficiary appointments, are required to pay a tuition fee of \$10 per term, invariably in advance.

No student will be enrolled till all fees are paid.

Text books can be purchased in Fayetteville at publisher's prices.

On motion of trustee Hill, the Board of Trustees adopted the following:

*Resolved*, That hereafter no tuition fees will be returned except for sickness, and then for a period not less than twelve weeks.

## BOARDING HOUSES.

Students are required to board at such places as are selected by the Faculty, and are under the supervision of the President of the University. No change of boarding-house will be allowed, except at the end of each term, unless under extraordinary circumstances, nor without the permission of the President. This regulation does not apply to students who are residents of Fayetteville, but the parents of such students are expected to see that they conform to the regulations of the University.

On motion of trustee Dinsmore, the following was adopted by the Board:

*Resolved*, That the vacation of rooms heretofore occupied by students performing janitor and fire corps duties be hereby



ordered, and no one, except such professors as may desire it, and janitors, will be permitted to occupy rooms in the new building.

#### LABOR.

The farm is small, and affords but little remunerative labor. Students should not come here with the expectation of steady employment. While it is true that several students have paid their entire expenses in school by labor, it was done only by the closest economy. So far as the finances of the University will permit, labor will be made remunerative; the rate of wages being fixed from eight to ten cents per hour, according to the character of the work performed and the efficiency of the worker.

#### MEANS OF REACHING THE UNIVERSITY.

Students may reach Fayetteville from the south by a daily line of stages from Alma, and from the north by daily trains upon the Arkansas Branch of the St. Louis and San Francisco Railroad, which will be completed to the Little Rock and Ft. Smith railroad, on the south, by May, 1882.

Students on arriving at Fayetteville must report at once to the President of the University, and will be held responsible for their conduct from the time of their reaching Fayetteville, as much so as though already enrolled.

#### DEGREES.

Students who have successfully completed the Classical Course are entitled to the degree of Bachelor of Arts; those who have completed the Scientific Course, to the degree of Bachelor of Science; those who have completed the course of Agriculture, to the degree of Bachelor of Agriculture; those completing the course of Civil or Mining Engineering, to the degree of Civil or Mining Engineer; those completing the course of Latin Letters, to the degree of Bachelor of Latin Letters; those completing the course in Modern Languages, to the degree of Bachelor of Letters; those completing the course of English Letters, to the degree of Bachelor of English Letters.

Satisfactory examinations are required in all the studies of the several courses, in order to obtain the recommendation of the Faculty for the degrees indicated.

#### ORATORICAL CONTEST.

The Board of Trustees, at their June meeting, abolished all previous legislation regarding prizes, and adopted the following:

*Resolved*, That hereafter the Faculty of the University select from the Junior Class two young men who have attained the highest class standing during the year, who shall be known as Class Orators; also, that the Philomathean, Euphradian and Mathetian societies each select one of their number, who is a member of the Junior Class, to represent them as orators during commencement week.

#### PRIZES.

Mr. B. H. Stone, of Fayetteville, gives annually a gold medal, valued at \$25, for the best essay written by a student of the University; the Faculty of the University selects the subject, and prescribes the method of competition.

The members of the Board of Trustees have also offered prizes in cash on competitive examination among the students taking the Agricultural Course. For the best essay "on the agricultural resources of the State," the first prize will be \$25; for the second best, the prize will be \$10.

D. Appleton & Co., of New York, offer a prize of \$25 to that Senior who has taken the highest standing in Mathematics during the four years of the Collegiate Course.

Dr. J. F. Simonds, of Fayetteville, offers a gold medal, valued at \$25, to be awarded to the best reader of the Preparatory Department, at the commencement exercises, June, 1882; the contest to be public in the chapel, between four students of the Preparatory Department, two males and two females, selected by the Faculty, the Board of Visitors to act as judges.



## PRIZES.

Prizes for the year 1879-80, were awarded as follows :

The Gold Medal, for best oration, to Mr. W. H. Langford, ElDorado, Union county.

The Stone Medal, for best essay, to Mr. T. B. Kitchens, Jonesboro, Craighead county.

The Harvey Botanical Prize—a copy of LeMaout & Decaisne's Descriptive Botany—, to Mr. F. W. Ellis, Fayetteville, Ark.

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Prizes for the year 1880-81, were awarded as follows :

The Gold Medal, for best oration, to Mr. J. B. McDonnough, Charleston, Ark.

The Stone Medal, for best essay, to Mr. J. A. M. Lanier, Mountain Home, Ark.

Appleton Prize, for highest standing in mathematics, to Mr. J. J. Watson, Fayetteville, Ark.

Gold Medal, for best declamation, Mr. C. D. Greaves, Hot Springs, Ark.

Gold Medal, for second best declamation, to W. C. Adair, Ash Flat, Sharp county, Ark.

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On motion of Trustee Gregg, Col. John M. Harrell, of Hot Springs, was appointed to present the prize medals to the successful competitors, for the year closing June 16th, 1881.

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## PROCEEDINGS OF THE ALUMNI ASSOCIATION.

At the fourth annual meeting of the A. I. U. Alumni Association, held at the University Chapel, June 9th, 1881, the following, among other items of business, was transacted: Prof. Droke introduced the following resolution, which was discussed by Messrs. Floyd, Watson, Taylor, and Miss Putman.

*Resolved*, That a committee of three be appointed to draft resolutions, endorsing the Professors of the A. I. U., in endeavoring to maintain a high standard of scholarship. *Passed unanimously*.



The chair appointed Profs. Drake and Watson, and Miss A. E. Putman, as said committee.

The committee made the following report:

*Whereas*, It has come to our knowledge, that seeming dissatisfaction has arisen with some of the patrons and students of the A. I. U., on account of the failure of some of the students of the University to be passed from class to class, and graduated at the end of four years; such patrons and students not seeming to consider that all youth are not equally well endowed, and they are not equally studious, and further, that the members of the faculty are the recognized judges in all matters of scholarship, within the University.

*Whereas*, We learn that there have been expressions of discontent on the part of the members of certain classes of the A. I. U., because of the elevation of the standard of work required for graduation, and whereas, we also learn that a memorial has been presented by said students to our Hon. Board of Trustees, praying their interference.

We, the Members of the Alumni Association of A. I. U., feeling a personal interest, both as citizens of the State of Arkansas, and as the Alumni of the University, in the maintenance of a high grade of scholarship; therefore, be it resolved, that we most heartily endorse the Professors of the A. I. U., in earnestly endeavoring gradually to elevate the standard of scholarship, and in requiring each student to come fully up to the acquired standard, before he is permitted to take his degree.

*Resolved*, That we sincerely beg of our Honorable Board of Trustees, that they continue, as heretofore, to recognize ripe scholarship, fidelity in discharge of duty, and fixedness of purpose in the work of professors, and not personal popularity, as the true qualities of the teacher; and further resolved, that the foregoing preamble and resolutions be entered in full on our records, together with the minutes of this meeting.

J. N. TILLMAN, PRESIDENT.

E. B. CARDEN, Secretary.

## LITERARY SOCIETIES.

Three Literary societies ("Mathetian" "Philomathean" and "Euphradian,) have been organized by students of the College proper, and are in successful operation; the last is composed exclusively of young gentlemen. The preparatory Department, also, has four societies, the "Phamakoptan," the "Cleosophic," "Kalligenian," and "Alethian."

## CONTRIBUTIONS.

Contributions are solicited for our Library, Reading Room, Laboratory and Museum.

Any book, paper or manuscript of historical or other value; any piece of chemical, philosophical or mechanical apparatus; any ores, crystals, precious or valuable stones, vegetable or animal fossils, or any other thing that will be a source of information to our students, will be thankfully received.

We hereby designate and request County Superintendents of Public Schools to take charge of and forward to the University, by students or others who may be coming, any of the above named donations.

We shall be glad to receive and file all daily and weekly newspapers of the State, also the religious newspapers which may best represent the several religious denominations of the country.

Any one desiring information about plants, animals or fossils, which they have procured in the State, are solicited to send good specimens to Prof. F. L. Harvey, Fayetteville, Arkansas. Desirable specimens will be placed to the credit of the donor in the University museum, and due acknowledgement made in the catalogue.

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## LIBRARY AND READING ROOM.

The University Library, containing 1476 volumes, comprises some valuable works, and additions are constantly being made. About one hundred new volumes have been added this year.



Nearly all of the newspapers of the State are kept on file in the Library, and students have access to them as well as the books, at certain hours, each day. No Library fee is charged. Books can be taken from the Library, under proper restrictions, by the students.

The following named papers and periodicals have been furnished to the Library of the University, either by the publishers or by friends of the University:

- Wheeler's Independent, Fort Smith, Ark.
- Fort Smith Elevator, Fort Smith, Ark.
- Russellville Democrat, Russellville, Ark.
- Southwestern Presbyterian, New Orleans, La.
- Western Methodist, Little Rock, Ark.
- Christian Observer, Louisville, Ky.
- Central Presbyterian, Richmond, Va.
- Christian Advocate, Nashville, Tenn.
- Weekly World, Helena, Ark.
- The Argus, Van Buren, Ark.
- Van Buren Press, Van Buren, Ark.
- White County Beacon, Searcy, Ark.
- Weekly Arkansas Gazette, Little Rock, Ark.
- Arkansas Democrat, Little Rock, Ark.
- Temperance Banner, Little Rock, Ark.
- Little Rock Chronicle, Little Rock, Ark.
- Arkansas School Journal, Little Rock, Ark.
- Batesville Guard, Batesville, Ark.
- College Quarterly, Ames, Iowa.
- Ozark Democrat, Ozark, Ark.
- The Monticelloian, Monticello, Ark.
- Independent Arkansian, Dardanelle, Ark.
- Western Immigrant, Dardanelle, Ark.
- Harrison Times, Harrison, Ark.
- Musical Record, Boston, Mass.
- Arkansas Sentinel, Fayetteville, Ark.
- Fayetteville Democrat, Fayetteville, Ark.



Howard County Telephone, Center Point, Ark.  
Cherokee Advocate, Tallequah, Cherokee Nation.  
Osceola Times, Osceola, Ark.  
Weekly Advance, Bentonville, Ark.  
Alma Independent, Alma, Ark.  
Arkansas Watchman, Beebe, Ark.  
Prairie County Appeal, Des Arc, Ark.  
Prescott Dispatch, Prescott, Ark.  
Marianna Index, Marianna, Ark.  
Malvern Meteor, Malvern, Ark.  
The State, Morrillton, Ark.  
Log Cabin, Conway, Ark.  
Waldron Reporter, Waldron, Ark.  
New Departure, Carlisle, Ark.  
Paris Express, Paris, Ark.  
Southwestern Press, Washington, Ark.  
American Journal of Education, St. Louis, Mo.  
Weekly Ohio State Journal, Columbus, Ohio.  
Arkansas Mining Journal, Silver City, Ark.  
Woodruff County Vidette, Augusta, Ark.  
Athens News, Athens, Ark.  
Locksburg, Alliance, Locksburg, Ark.  
Engineering and Mining Journal, New York.

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THE FOLLOWING IS A LIST OF PERIODICALS PURCHASED  
FOR THE LIBRARY.

St. Nicholas, (monthly.)  
Littell's Living Age, (weekly.)  
North American Review, (monthly.)  
Popular Science Monthly, (monthly.)  
Harper's Monthly, (monthly.)  
Scribner's Monthly (monthly.)  
New York Herald, (daily.)

New York Evening Post, (weekly.)  
 Scientific American, (weekly.)  
 Chemical News, (weekly.)  
 American Naturalist, (monthly.)  
 Gardener's Monthly.  
 Rural New Yorker, (weekly.)  
 Prairie Farmer, (weekly.)  
 American Agriculturist, (monthly.)  
 Sunday School Times, (weekly.)

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## SUMMARY PERIODICAL LITERATURE.

Magazines, Monthlies.....	9
Magazines, Weeklies.....	10
Newspapers.....	48

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## DONATIONS HAVE BEEN MADE TO THE LIBRARY,

During the year, ending June 9th, 1881, by

United States Government.—Valuable Government Documents and Reports.

Hon. T. M. Gunter, Ark.—Geology of High Plateaus of Utah, with Maps.

Hon. T. M. Gunter, Ark.—Memorial of Henry Smith.

Jos. H. Stirman, Ark.—U. S. Naval Expedition to the South Pole, during 1849–52.

Jos. H. Stirman, Ark.—Commercial Relations of the U. S.

Jos. H. Stirman, Ark.—Report of Total Eclipse, of Aug. 7th, 1869.

Jos. H. Stirman, Ark.—U. S. Japan Expedition, Vol. 3.

Hon. T. C. Abbott, Mich.—Report of Commissioner of Education, 1878.

Hon. T. C. Abbott, Mich.—Report of Michigan Board of Agriculture, 1879.

Prof. F. L. Harvey, Ark.—Fur Bearing Animals.

W. H. Duncan, Ark.—English Literature. Taine.

Smithsonian Institution.—Miscellaneous Collections. Vols. 1–21.

Smithsonian Institution.—Report 1879.

Charles H. Gordon, Va.—Valuable Books from library of the late Prof. J. B. Gordon.

Hon. T. M. Gunter.—Report of the U. S. International Exhibition, 1876. (8 vols.)

Hon. T. M. Gunter.—Report of Light House Board, 1880.

United States Government.—Report of Commissioner of Education, 1878.



## CONTRIBUTIONS TO COLLECTION OF STATE MINERALS.

COUNTY.	CONTRIBUTOR.	MINERALS.
Benton .....	E. P. Lee and J. B. McDonough .....	Calcite, stalactites and stalagmites.
	C. G. Thompson .....	Aragonite, carbonaceous limestone, pyrites.
Boone .....	J. W. Cowdrey .....	Zinc ores.
Carroll .....	Judge Pittman .....	Galena.
	G. W. Dale .....	Zinc and copper ores, galena, pyrites, calcite, marble.
	Prof. N. P. Gates .....	Marble.
Crawford .....	G. C. Thayer .....	Native minerals (12).
Garland .....	Mr. Brown .....	Tufa.
	Mr. Woolman .....	Dendrites, novaculite, rock crystal.
	Dr. Hobson .....	Indian relics.
	By Professors .....	Tufa (6 varieties), manganese ores, novaculite (12 varieties), whetstones (manufactured).
Hot Spring .....	By Professors .....	Magnetite, menacanite, rutile, brookite, arkansite, perovskite, schorlomite, black garnet, tourmaline, lyidian stone, clacolite, wavellite, feldspars (sodium and potassium), mica crystallized, green and yellow, calcite (metaliferous), epidote, pyrites (iron), syenite, smoky quartz, flints.
Howard .....	Dr. E. W. McCrary .....	Copper and iron ores, stibnite, metaliferous quartz, gypsum, celestine, carbonaceous limestone, lignite, kaolin, corundum.
Independence .....	B. P. Carney .....	Native minerals.
Madison .....	Mr. Kelley .....	Zinc ores, dolomite.
	Mr. Adair .....	Dolomite—polished.
Montgomery .....	Dr. G. W. Lawrence .....	Wavellite, rock crystal—handsome specimens.
	Messrs. Alexander, Rindkoff, Reynolds, Blish, Sargent and O'Connell—collected from mines by Professors .....	Valuable collection of gold, silver and lead ores, with the associated gangue rocks and clays, representing products of the Silver City mining region.
	Col. T. M. Johnston .....	Rock crystals—large collection.
	Messrs. Jarrell, Bostick and Jones .....	Native minerals.
(Crystal Mount.)	By Professor .....	Rock crystal—valuable specimens.
Guachita .....	Col. James Hill .....	Lignite.
Pulaski .....	J. C. Peay .....	Manganese ore.
	Mr. Hook .....	Kellogg mine ores.
	Col. Fletcher .....	Native minerals.
Randolph .....	J. C. Peay .....	Galena, zinc ore, micaceous iron ore, kaolin, lignite.
	Jones & Isaminger .....	Pyrites—iron.
Savner .....	J. C. Peay .....	Galena.
Sharp .....	Ex-Gov. Miller .....	Galena.
Union .....	Mr. Montgomery .....	Petrifications.
Washington .....	Mr. Buckner .....	Silicious clay.
	Mr. Hall .....	Copper pyrites.
	By Professors .....	Limestones and clays.

Prof. Conrad, who is making this collection of State Minerals for the University, will be glad to communicate with any person in the State having minerals, ores, building-stones, clays, etc., which they may be willing to contribute. As far as his time and the facilities afforded by the University will allow, he will answer questions in regard to specimens sent, and will publish the analyses when they may prove of interest.

## CONTRIBUTIONS TO COLLECTIONS.

The following contributions have been made to the Museum and Cabinets during the year :

## CONTRIBUTIONS TO GENERAL CABINET.

REGION.	CONTRIBUTOR.	MINERALS.
Iron Mountain, Mo...	C. A. Pilley, Sup't.....	Specular ores, 3 grades, jigged ores, 5 grades, ochre, 2 grades, specular ore with apatite, furnace slags, 6 varieties, sandstone, quartz.
Pilot Knob, Mo.....	Messrs. Countryman and O'Leary.....	Hematite, 2 grades, porphyry, slags.
Joplin, Mo.....	Col. Fletcher.....	Zinc ore.
Colorado.....	{ Mr. Butler.....	Gold and silver ores, 17 specimens.
	{ J. B. McGinty.....	Native minerals.
Georgia .....	J. C. Peay.....	Gold ore.
Mexico.....	J. C. Peay.....	Silver and copper ores.
Montana.....	E. C. Freyschlag.....	Superb specimens of native silver.

## CONTRIBUTIONS TO BIOLOGICAL DEPARTMENT.

REGION.	CONTRIBUTOR.	MINERALS.
Hempstead county...	Col. Gratiot.....	Indian relics, fossil bones, and petrified wood.
Hempstead county...	Annie and Pinckney Carigan.....	Indian relics and fossils—several fine specimens.
Atlantic coast... ..	Carl Gray.....	Snouts of sword fish.
Washington county...	W. R. Skelton.....	Fossils.
Jefferson county...	Miss Belle King.. ..	Fossils—shark teeth, vertebra and mollusks.
Washington county...	Miss Lula Gordon. ....	Fossils.
Indian Territory.....	Miss Annie Putman.....	Fossils.
Franklin county.....	Henry Stroup .....	Large rattlesnake and human fetus.
Texas.....	C. S. Keeney.....	Fossils.
Boston.....	C. S. Sargent.. ..	Set of wood specimens of U. S. forest trees.

# ANALYTICAL WORK OF 1880-81, BY PROF. CONRAD AND MR. R. O. HERBERT.

SUBSTANCE.	LOCALITY.	CONTRIBUTOR.	ANALYSES.	RESULTS.
Stibnite.....	Howard county.....	Dr. E. W. McCrary....	1..Quantitative.....	Antimony, 55.1 oz. per ton.
Silver ore, 1.....	Montgomery county.	Mines—surface.....	1..Quantitative.....	Silver, 9.55 oz. per ton.
Silver ore, 2.....	Montgomery county.	Mines—surface.....	10..Quantitative.....	Silver, 10 oz. per ton.
Silver ore, 3.....	Montgomery county.	Mines.....	4..Quantitative.....	Silver, 13.5 oz. per ton.
Silver ore, 4.....	Montgomery county.	Mines.....	4..Quantitative.....	Silver, 65.14 oz. per ton.
Silver ore, 5.....	Montgomery county.	Mines.....	2..Quantitative.....	Silver, 47.63 oz. per ton.
Galena.....	Carroll county.....	Judge Pittman.....	2..Quantitative.....	Lead, 60.55 p. c.
Manganese ore.....	West Virginia .....	C. F. Conrad.....	6..Quantitative.....	MnO <sub>2</sub> , 87.12 p. c.
Manganese ore.....	Pulaski county.....	J. C. Peay.....	3..Quantitative.....	MnO <sub>2</sub> , 42.07 p. c.
Mineral.....	Crawford county.....	Geo. C. Thayer.....	1..Qualitative.....	Pyrites of iron.
Mineral.....	Independence Co....	B. P. Carney.....	1..Qualitative.....	Pyritiferous gravel.
Well water.....	Poinsett county.....	S. J. Coker.....	1..Qualitative.....	Lime, magnesia, potassa and soda, (iron—a trace); as carbonates, chlorides and sulphates. S O <sub>2</sub> free, organic matter.
Spring water, No. 1..	Franklin county.....	Dr. Stroup .....	1..Qualitative.....	Lime, soda, potassa, iron, as carbonates and chlorides. S O <sub>2</sub> free, small quantity
Spring water, No. 2..	Franklin county.....	Dr. Stroup.....	2..Qualitative.....	Soda, potassa, lime, as carbonates and chlorides.

## SUMMARY.

Quantitative analyses.....33.

Qualitative analyses.....6.



## CABINET AND MUSEUM.

The Cabinet of Minerals consists of a collection of State Minerals, contributed by various parties of the State, and the Professors.

The private collections of the Professors—amounting to several hundred specimens—are at the disposal of students, for study.

The University has but few specimens from outside the State.

The College has no Herbarium, but the collection of the Professor, amounting to 1200 species, is used to illustrate Botany.

There are about 500 species of Animal Specimens, to illustrate the various departments of Zoology.

The collections for illustrating the subject of Geology, are meagre.

Collections in all the departments are slowly accumulating.

Appropriations, made by the Board of Trustees, at their June meeting, will enable the Professor to make many valuable collections during the coming year.

The Biological Department of the University, is under obligations to Col. A. W. Soper, Col. Theo. Hartman, Col. J. A. Woodson, Col. C. W. Rogers, and General Manager E. K. Sibley, for passes over their respective Railroads, by the aid of which, the Professor in charge will be able to visit distant portions of the State, and collect specimens for the Museum.

## APPARATUS.

The University has been supplied with some excellent philosophical apparatus. Other additions will be made to this, and also to the chemical department, which is already in efficient operation

## APPOINTMENT OF BENEFICIARIES.

All appointments should be completed, if possible, before the opening of the autumn term. The County Judges, who make the appointments, should prepare duplicate notifications of appointment, one of which will be forwarded to the President of the University, and one to the Secretary of the Board of Trustees; and in case the appointee fails to appear at the University within twenty days after appointment (except in case of sickness), he or she will be regarded as having declined the appointment, in which case it will be the duty of the President of the Faculty to notify the person making the appointment of such a failure, who will make another appointment as soon thereafter as possible, and such other appointee will be required to appear at the University as soon thereafter as possible. The President of the Faculty shall continue to notify appointing officers till their respective number of appointees make their appearance at the University.

## NUMBER OF BENEFICIARIES.

It is provided in Section 18 of the Act of the General Assembly, establishing the University, that the Board of Trustees, shall have power to "prescribe the grade and number of scholarships, and prescribe the rules by which pupils who are to be admitted free shall be elected equally from the various parts of the State." They have, therefore, made provisions for 350 Beneficiaries, who will be entitled to four years free tuition, and 237 Normal students, who are also entitled to four years free tuition, who are apportioned among the several counties according to their respective populations by the United States census of 1870, which apportionment is as follows:

COUNTIES.	No. of Beneficiaries entitled to.	No. of Normals entitled to.	Vacant Beneficiaries.	Vacant Normals.	COUNTIES.	No. of Beneficiaries entitled to.	No. of Normals entitled to.	Vacant Beneficiaries.	Vacant Normals.
Arkansas.....	3	2	3	2	Lee.....	3	2	1	1
Ashley.....	4	3	4	3	Lincoln.....	4	3	1	3
Baxter.....	3	2	3	2	Little River.....	3	2	2	2
Benton.....	10	6	5	4	Logan.....	3	2	1	2
Boone.....	3	2	3	2	Lonoke.....	3	2	3	2
Bradley.....	4	3	4	3	Madison.....	4	3	0	2
Calhoun.....	3	2	3	2	Marion.....	3	2	3	2
Carroll.....	3	2	3	2	Miller.....	3	2	2	2
Chicot.....	6	4	5	4	Mississippi.....	3	2	3	2
Clark.....	7	5	5	5	Monroe.....	6	4	1	4
Clay.....	3	2	1	2	Montgomery.....	2	1	1	1
Columbia.....	6	4	0	3	Nevada.....	3	2	2	2
Conway.....	4	3	3	3	Newton.....	3	2	2	2
Craighead.....	3	2	3	2	Ouachita.....	9	6	9	6
Crawford.....	6	4	4	4	Perry.....	2	1	1	1
Crittenden.....	3	2	3	2	Phillips.....	9	6	9	6
Cross.....	3	2	3	2	Pike.....	3	2	3	2
Dallas.....	3	2	2	2	Poinsett.....	2	1	2	1
Desha.....	3	2	2	2	Polk.....	3	2	3	2
Dorsey.....	3	2	3	2	Pope.....	6	4	5	3
Drew.....	6	4	5	4	Prairie.....	6	4	4	4
Faulkner.....	3	2	1	1	Pulaski.....	21	14	8	14
Franklin.....	6	4	1	3	Randolph.....	4	3	4	3
Fulton.....	3	2	3	2	Saline.....	3	2	1	2
Garland.....	3	2	0	0	Scott.....	4	3	1	1
Grant.....	3	2	3	2	Searcy.....	3	2	3	2
Green.....	4	3	4	3	Sebastian.....	9	6	7	2
Hempstead.....	9	6	5	6	Sevier.....	3	2	2	2
Hot Spring.....	4	3	1	3	Sharp.....	4	3	1	3
Howard.....	3	2	3	1	St. Francis.....	4	3	3	3
Independence.....	9	6	7	6	Stone.....	3	2	3	2
Izard.....	4	3	4	3	Union.....	7	5	6	5
Jackson.....	4	3	3	3	Van Buren.....	3	2	3	2
Jefferson.....	10	7	7	7	White.....	7	5	5	5
Johnson.....	6	4	3	4	Woodruff.....	6	4	3	4
Lafayette.....	3	2	1	2	Washington.....	13	8	0	0
Lawrence.....	4	3	4	3	Yell.....	6	4	3	4

There is also "one Honorary Scholarship" to each county, to be selected for superior merit and proficiency from the public schools of each county, according to Section 2, of Act July 23, 1868.



## QUALIFICATIONS.

The attention of County Judges is called to the fact that *neither Normal nor Beneficiary Students will be admitted, unless they have the following qualifications:*

Students are not admitted into the University, until they have become thoroughly familiar with the fundamental principles of Arithmetic, viz: Addition, Multiplication, Division, and first in order and importance, notation and numeration. In reading, they must be able to understand and intelligibly render specimens of the grade of the Fourth Reader; must have a knowledge of Primary English Grammar, Primary Geography, and the rudiments of Penmanship and spelling of ordinary words of the grade of the Fourth Reader.

The sole object of the Normal Department being the training of teachers for the Public Schools of the State, the attention of County Judges is respectfully called to the following considerations:

Only such persons should be appointed to this department as really intend to teach, and if possible, those who have had some experience in teaching.

All who enter this department, will be required to take the course in training prescribed, to fit them for teaching.

## INDIGENT STUDENTS.

By a resolution adopted by the Board of Trustees, at their June meeting, 1881, the Faculty are authorized to give *free tuition* to 60 students from different parts of the State, requiring only the matriculation fee of \$5.00.

These appointments are distinct from the Beneficiary and Normal appointments made by County Judges, and give so many additional free scholarships to the University.

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A SPLENDID OFFER.

The Trustees of the Arkansas Industrial University have fitted up the old building as a steward's hall. A steward has been elected, who will receive at his table thirty-eight students in the building, at reduced rates, at \$7 per month, giving them good, healthy, but not luxurious food. There will be a saving to each boarder of about \$60 in the session. Students who expect to get into the steward's hall, must be on the ground the first of September.

Students who enter rooms at the Steward's Hall are required to take their meals there, and provide themselves with room furniture, bedding, lights and fuel, and to be orderly and cleanly.

On motion of Trustee Thompson, Joseph Milligan was allowed to remain in the steward's hall, the coming year, and charge \$7 a month for boarding students.

## DEPOSIT FUND.

All students in Chemistry are required to make a deposit of \$10 with the Secretary of the Board, to pay for chemicals, breakage, etc. So much of this sum as may be left after this outlay has been met, will be returned to each student.

## PROPERTY AND FUNDS.

The property of the University consists of the proceeds of the munificent grant of land by Congress, the bonds of Washington county, and the town of Fayetteville, the appropriations made by the State, and the University farm and lands—amounting in all to \$300,000 in value.

The bonds of the county of Washington, \$100,000 and of the town of Fayetteville, \$30,000, payable thirty years from date, with interest at the rate of eight per cent. per annum, have by the action of the Board of Trustees, become a portion of the permanent endowment of the University, and will be scrupulously held for that purpose.

## ENROLLMENT.

Attention is called to the following resolution of the Board of Trustees :

*Resolved*, That the President of the Faculty require every student who appears at the University, to at once repair to the Secretary of the Board for enrollment, and that during the first week in each term he furnish the Secretary with a complete roll noting all Beneficiaries and Normals, and those in the Collegiate course, and that no student be allowed to recite with any class, or enter the University until properly enrolled.

## DEPORTMENT.

The Faculty may refuse to receive any applicant for admission into the University, until he can prove a good moral character, and whenever they are satisfied that the longer continuance of any student in the University is not beneficial to himself, or is injurious to his fellow-students (even though he may be guilty of no gross violation of the College law), they may write his parents or guardian to withdraw him, and may proceed to dismiss him, should the request not be complied with.

The Faculty would advise parents to allow their sons but little pocket money. It has been well said in regard to students, that, "a pocket full of money and a head full of sense, are seldom found together. Money can be sent monthly for the payment of boarding and other necessary expenses. Postal orders can always be cashed at the post office in Fayetteville, The President of the Faculty cannot personally take charge of the financial affairs of students.

The following resolution was passed at the June meeting of the Board of Trustees :

*Resolved*, That the Board express their unqualified disapproval of the free and unrestrained social intercourse they learn exists between the male and female students of the University, and they hereby insist upon the Faculty instituting



such measures as they may deem most wise, to control this question. The Board hereby authorize and empower the Faculty to vacate any boarding house that may fail to execute their orders.

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The following was passed by the Board of Trustees, at their June meeting :

*Resolved*, That no student be permitted to attend parties, circuses, theatres, or any place of social amusement, except at the close of each term, when general permission will be granted to attend social parties.

Parents or guardians who do not expect their children or wards to conform to these requirements, are advised to send them elsewhere.

If at any time, the influences of boarding houses be found pernicious, boarders will be removed at the instance of the Faculty.

As discipline to be effective must be uniform, just, impartial and *final*, no appeals need be made after a decision of the Faculty, to procure a reversal of that action, unless new evidence can be produced or clear proof can be given of error in the testimony upon which the decision was procured.

#### WITHDRAWAL OF STUDENTS.

Parents, or guardians, who wish to withdraw their children or wards from the University, should write to the President of the Faculty, stating their wishes. Unworthy students, sometimes, deceive the Faculty by pretending that their parents desire them to return home. No honorable discharge will be given to a student under age, who is unable to produce the written application of his parent or guardian for his withdrawal. Nor will an honorable discharge be given to a student under censure of any kind ; whether for neglect of study, neglect of duty, or other cause, even though he may have the consent of his parent or guardian, for his withdrawal from the University.

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SELF GOVERNMENT.

To relieve the Faculty from the odium of espionage upon the students, the element of self government has been introduced into the University.

The discipline of the Institution is largely in the hands of the students themselves, through the monitorial system and the military feature.

The officers detailed for duty, have, with rare exceptions, proved efficient and faithful, showing neither fear nor favor. The obedience of the great mass of students, to the authority of their fellows acting in official capacity, has been cordial and sincere. The only trouble having been with ill-trained youth, who had never at home been taught to respect their parents or themselves. In fact, the general rule is, that the idle and disobedient at home, are idle and disobedient at school; while those who are comforts to their parents, are comforts to their teachers also. Insubordination in College is a necessary sequence of defective family government.

## RESTLESSNESS.

The greatest obstacle to-day, in the way of successful educational work, is the restlessness and lack of persevering pluck in American youth. We find that the vast majority of our students do not come to the University with any thought of remaining until graduation, and many think they have accomplished wonders by remaining a single term of three months. Those who exhibit such a deplorable lack of pertinacity in youth, can scarcely be expected to succeed in after life. They will succumb under the first serious difficulty. Parents who yield to the importunities of their children to quit school, because of some discouragement, do thereby foster in them a weakness, which must be fatal to all vigorous manhood and healthful developement. We hope that the students who come up in September, will come with the determination to let no slight impediment turn them back from the path that leads to knowledge, honor, and usefullness.

The following resolution was passed by the Board of Trustees, at their annual meeting in June, 1881 :

*Resolved*, That the Faculty have the sole power to regulate the time of meeting of Literary Societies, and all other matters exclusively educational in their character.

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## OF APPOINTMENT OF BENEFICIARY AND NORMAL STUDENTS.

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As much trouble and annoyance is caused by students who have been appointed as Beneficiaries or Normals coming without any evidence of appointment, the following are adopted as the proper forms of notice to be given by the Judge of the County Court to the President of the University, and the Secretary of the Board of Trustees, upon the appointment of Beneficiary and Normal Students by the County Court, or the Judge thereof, in accordance with the sixth section of an act approved March 6, 1875 :

[Form 1—Appointment.]

No.....

[To be given to the student.]

### ARKANSAS INDUSTRIAL UNIVERSITY.

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*To whom it may concern:*

I hereby appoint ..... of .....  
County, State of Arkansas, as a Beneficiary (or Normal, as the case may be,) to the  
Arkansas Industrial University.

Given under my hand, this ..... day of ....., 188..

Send a notice like the following to the President of the University, and one to the Secretary of the Board of Trustees, at Fayetteville :



[Form 2—Notice to President of University.]

No.....

## ARKANSAS INDUSTRIAL UNIVERSITY.

\*..... ARKANSAS, }  
 ..... 188.. }

To the ..... University:

I hereby notify you that I have this day appointed.....  
 of..... County, State of Arkansas, as a Beneficiary (or Normal, as the  
 case may be,) to the Arkansas Industrial University.

Given under my hand, this ..... day of ....., 188..

## AN ACT

To Regulate the Sale of Ardent Spirits Near the Arkansas  
 Industrial University.

*Be it enacted by the General Assembly of the State of Arkansas:*

SECTION 1. That it shall be unlawful for any person to sell or give away vinous or ardent spirits within three miles of the Arkansas Industrial University, except the same be for medical purposes, as hereinafter provided.

SEC. 2. *Be it further enacted*, That no person shall sell or give away any vinous or ardent spirits within three miles of said University, unless he be a regular practicing physician, and not until he has signed and sworn to an affidavit before the county clerk of Washington county, and shall have the same duly recorded, which affidavit shall be in the following form: I, ——, do solemnly swear that I am a regular practicing physician; that I will not sell or give away any vinous or ardent spirits to any one unless it be for medical purposes, and believe the kind and quantity will be beneficial in the treatment of the disease under which the patient is suffering.

SEC. 3. *Be it further enacted*, That no one shall be excused from the penalty of this act who may, contrary to its provis-

ions, sell, or cause to be sold, intoxicating drink, by reason of its being put up as bitters, mixed with drugs, or vended as a medicine, except as provided in the foregoing sections.

SEC. 4. *Be it further enacted*, That any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and for each offense shall be fined not less than ten nor more than two hundred dollars; and this act shall take effect and be in force from and after its passage.

Approved March 6th, 1875.

BRANCH  
NORMAL COLLEGE  
— AT —  
PINE BLUFF.

The Branch of the Normal Department of the Arkansas Industrial University was established by the General Assembly for the purpose of securing an adequate supply of properly trained teachers for the colored public schools of the State. Its terms, course of study, sessions, etc., correspond with those of the Normal Department at Fayetteville, and each county judge is entitled to appoint as many colored beneficiaries to the institution at Pine Bluff as his county is allowed, under the appointment, to send white ones to Fayetteville; consequently the two classes of appointments do not interfere with each other. The expenses of a student at Pine Bluff, for board and washing, need not exceed \$12 per month, and a number of those who have heretofore attended have managed to reduce their expenses very materially by labor.

For further information address the Principal.

PROF. J. C. CORBIN,  
Pine Bluff, Ark.



# THIRD ANNUAL ANNOUNCEMENT

AND

## CATALOGUE

—OF THE—

Medical Department,

ARKANSAS INDUSTRIAL UNIVERSITY.

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SESSION OF 1881--82.

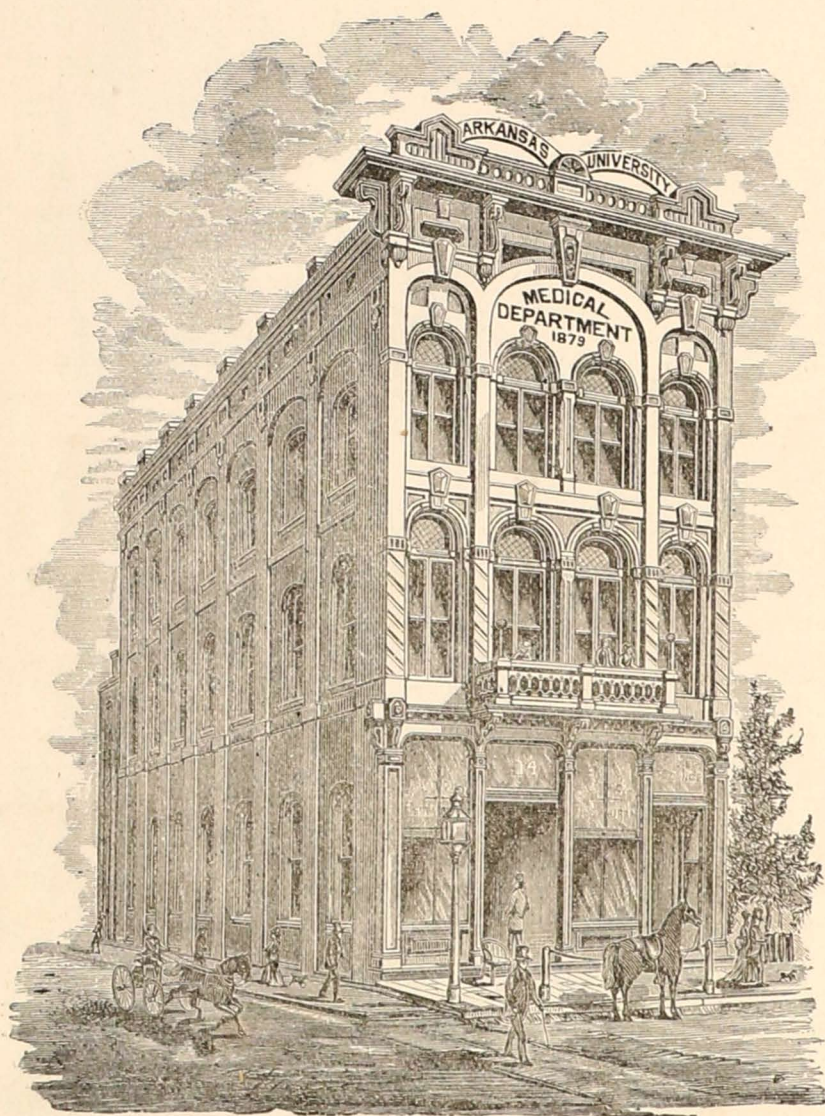
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LOCATED AT

LITTLE ROCK.

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LITTLE ROCK:  
MITCHELL & BETTIS, STATE PRINTERS.  
1881.





THIRD ANNUAL ANNOUNCEMENT

OF THE

## MEDICAL DEPARTMENT

### ARKANSAS INDUSTRIAL UNIVERSITY.

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This Institution, in issuing its Third Annual Announcement, takes this occasion, through its Faculty, to express its appreciation of the support and generous confidence of the medical profession, as evinced in the unanimous resolution of the State Medical Society of Arkansas, when in session at Little Rock, May 6th, 1880. This confidence is not altogether confined to the profession; for the Institution has received and is constantly receiving from officials and prominent citizens of the State, substantial and moral encouragement never anticipated at its organization.

The increased size of its class during the second course of lectures demonstrates this fact, and affords gratification, and assurance that the Medical Department has a bright future, and that the efforts of its Faculty have met with an honorable co-operation both in and out of the profession.

The Institution is in full membership and accord with the American Medical College Association, and, although the period of its requirement of a third course does not go into effect until 1882 and '83, yet the Faculty recommend students to avail themselves of the advantages offered in the extension to be adopted.

This Department of the University will afford the young



men of the State and surrounding country, facilities for the study of the science of medicine, and all its collateral branches, at home, without the great expense incident to long distances of travel, and additional outlay unavoidable to students attending a course of medical lectures abroad.

#### LOCATION.

Little Rock is situated near the centre of the State. It has now direct railway communication with North, South, East and West. Other roads are in process of construction or projected, so that within a very limited period, railroads will centre in Little Rock from all sections of the State.

The city has, also, during one-half the year, splendid water communication. It has a population of nearly 25,000. It is built upon the south bank of the Arkansas River, upon a high, undulating bluff. Its drainage, therefore, is natural and perfect, and its healthfulness superior to any city west of the Mississippi River. In it epidemics of *any* character are unknown.

The Deaf Mute, Blind and Lunatic Asylums, State institutions, (the latter under construction), are located here.

#### SESSION OF 1879 AND '80.

The First Course of Lectures commenced the first week in October, 1879, and continued to the 3d day of March, 1880, and although a new institution, laboring under many difficulties, as all new departures generally do, we had *twenty-two* regular matriculates, *one* of whom received the degree of *Doctor of Medicine*.

The Second Annual Course of Lectures commenced on Tuesday, October 6th, 1880, and continued until March 2d, 1881—five months. There were *thirty-two* regular matriculates in this course, *ten* of whom graduated.

Both Classes were largely composed of students who had already been engaged in the practice of medicine; some for several years, and who, but for the establishment of a Medical College at home, would, in all probability, never have been

stimulated to acquire a practical knowledge of even the fundamental principles of Medicine.

#### COLLEGE BUILDING.

The Faculty own their building, which is a large and commodious brick structure, with an iron and stone front.

It has one of the best arranged dissecting rooms in the country, well ventilated, and provided with all the modern conveniences.

The building is very conveniently situated, between Main and Louisiana, on Second street, and is in all respects well adapted for clinical and didactic instruction.

#### HOSPITAL.

The Hospital, under the management of the Ladies' Benevolent Association of the City of Little Rock, will afford ample material for all kinds of clinical instruction in medicine and surgery. The sick, injured and afflicted flock to this institution during the fall, winter and spring months, from every section of the country, and students will have an excellent opportunity to observe and study disease in all its various phases; as, also, to witness a large number of surgical operations.

The construction of a new City Hospital is in contemplation. This will increase the advantages of students.

#### ANATOMY.

The General Assembly of the State of Arkansas passed an act, in the winter of 1873, legalizing dissection. This act is a generous one. No State in the Union possesses a more liberal provision for the prosecution of the study of anatomy. Any amount of material can be procured *legally*, with but a nominal expense to the student. This item alone is one of no small consideration to any zealous laborer in this Department.

#### MEDICAL HYGIENE AND BOTANY.

Medical Hygiene has lately assumed such a prominence,

both among medical and scientific investigators of the etiology of disease that a course of instruction has been inaugurated in the Medical Department of the Arkansas Industrial University on this important branch.

Medical Botany has also been added to our curriculum with a view of giving students a practical knowledge of the medical properties of the indigenous flora of the country.

A knowledge of Hygiene and Botany is considered a very essential qualification of the general practitioner, although not regarded with favor by a large majority of the medical colleges of this country, as *very* few of them give instruction in either of these useful branches.

#### CLINICS.

The past session has demonstrated the fact that there is an abundance of material in the city of Little Rock and surrounding country for all kinds of clinical instruction.

There will be a surgical clinic twice per week, which, in the number and variety of operations performed, will compare favorably with any of our larger institutions.

The Eye and Ear Clinic is particularly instructive and will embrace a very extended variety of diseases in this special department.

There will also be a Gynæcological Clinic. Clinical Medicine will receive special attention, and cases of all kinds of diseases will be practically exhibited and the treatment in each instance given.

#### DISPENSARY.

The Faculty have established a Dispensary, in connection with the College, where Clinics will be held daily, and advanced students will have the benefit of examining and prescribing, under the direction of the Professors. This will afford facilities for practical instruction seldom offered at many other institutions.

#### COURSE OF LECTURES.

The Fall Course of Lectures in the Medical Department of



the University will commence on Wednesday, October 5th, 1881, and continue five months.

These Lectures will be arranged, as to time, so as to afford the student the greatest possible advantages. They will have an opportunity to prepare themselves upon the subject of each lecture.

#### PROSPECTS FOR THE COURSE OF 1881-82.

The Medical Department of the University takes an unusual degree of pleasure in making known to the *Medical Profession* of the Trans-Mississippi section of country the unparalleled success it has met with the past two years, and to assure its friends and supporters that the next course of Medical Lectures will greatly increase the present number of matriculates. Starting *do novo*, unaided, and upon an extremely limited notice to the public, it has received a liberal patronage, which the character of the instruction, and the opportunities offered, have proved advantageous to all concerned. The number of communications daily received, for special information; the number of students that have access from time to time to the Medical College building, together with its unsurpassed geographical centre, insure to this College an unusually large number of matriculates at its ensuing session. The Faculty, cognizant of this situation and not unmindful of the necessity of being fully prepared for the contingency of an extra large session, have already given instruction for the improvements in the internal arrangement of the building to meet the exigency of the occasion. They do not pretend to offer students any advantages beyond those of a practical nature, but assure them, in advance, that the terms will be in every essential particular strictly adhered to. They would, however, request the medical students of the South and West to come here and see for themselves before they go elsewhere.

#### FACULTY.

The Faculty is composed of medical gentlemen, residents of the city of Little Rock, who are well known, and who are

personally well qualified for the positions they have individually been elected to fill. They are earnest workers in the cause of Medical Science, and will labor zealously to build up a Medical Department that will reflect honor upon the State.

#### GRADED SYSTEM.

The Medical Department of the University has determined to establish a *Voluntary Graded Course* for three years. A number of Medical Colleges having extended the term of instruction an additional year, and as it will be the policy of this Department not only to conform to the demands of the times, but in each and every particular to keep full pace with the requirements exacted of the oldest institutions in the country, it has been decided to inaugurate, at once, the system of a three years' graded course. No student will, therefore, receive a diploma unless he is thoroughly qualified in every branch of the course. Students who have had the most thorough preparation, and who satisfy the Faculty of their being well qualified for graduation, after a searching examination, will be granted a diploma when they have attended two full courses of Lectures, and have pursued their studies the full term of three years.

#### FIRST YEAR.

Anatomy ; Practical Anatomy ; Physiology ; Chemistry.

#### SECOND YEAR.

Anatomy, Surgical and Practical ; Practical Physiology ; Chemistry ; Materia Medica and Therapeutics ; Clinical Medicine and Surgery.

#### THIRD YEAR.

Surgery ; Practice of Medicine ; Obstetrics and Gynæcology ; Materia Medica and Therapeutics ; Ophthalmology ; Clinical Medicine and Surgery.

At the end of each term examinations will be held in these Departments, and certificates of proficiency will be given to those who are qualified.

This plan of instruction is earnestly desired. Students who prefer to continue their studies on the repetitional system, can do so, but the Faculty strongly urge upon those whose means and opportunities permit, to avail themselves of the increased advantages offered by the Voluntary Graded Course.

#### TEXT BOOKS.

The Faculty would recommend one or the other of the following text-books in the several departments :

**SURGERY**—Gross, Hamilton, Ashurst, Holmes, Erichsen, Agnew, Bryant, Billoth, and Esmarch.

**THEORY AND PRACTICE**—Flint, Niemeyer, Bristow and Aitkin.

**MATERIA MEDICA AND THERAPEUTICS**—National Dispensatory, H. C. Wood and Biddle.

**ANATOMY**—Gray, Wilson, Leidy, MacLise's Surgical Anatomy.

**CHEMISTRY**—Atfield's, Fowne's, Roscoe Tyson on Urine, Reese's Manuel of Toxicology.

**PHYSIOLOGY**—Dalton, Carpenter, Flint, Kirke's Manuel.

**OBSTETRICS AND DISEASES OF CHILDREN**—Leishman, Playfair, Byford, Cazeaux, Schroeder, Meggs, and Pepper and Day, on Children.

**DISEASES OF WOMEN**—Thomas, Barnes, Peaslee.

**DISEASES OF EAR**—Wells, MacNamara.

**DISEASES OF EAR**—Roosa.

**GENITO URINARY ORGANS**—Bumstead, Van Buren.

**DERMATOLOGY**—Fox, Daring, Wilson.

**BOTANY**—Gray's.

#### FEES.

Professor's Tickets .....	\$50 00
Matriculation Ticket (only paid once).....	5 00
Demonstrator's Ticket.....	5 00
Hospital Ticket.....	3 00
Graduation Fee.....	25 00

*Fees for Professors' Tickets and Matriculation must be paid on entering.* For graduation, students are not required to present, for the present, either the Practical Chemical or Practical Physiological Ticket, but the Faculty trust that students' preceptors, realizing the importance of this work, will insist upon their pupils availing themselves of the advantages of these Departments.



## BOARD, ETC.

Boarding can be procured in private families as cheap in Little Rock as in any other city in the country.

## REQUISITES FOR GRADUATION.

The candidate must be twenty-one years of age, of good moral character, and must present to the President the requisite evidence of having studied medicine three years, inclusive of attendance upon lectures.

He must have attended two full courses of lectures in a recognized medical college, the last of which shall have been in this Institution.

He must present to the President by the first of February a thesis, in his own hand-writing, on a medical subject. The amount of the graduation fund must be deposited with the thesis; in case of failure to pass a satisfactory examination, the money will be refunded.

A report of any of the clinics will be accepted in lieu of the ordinary thesis.

He must pass a satisfactory examination on anatomy, physiology, chemistry, materia medica, practice and general pathology, obstetrics and diseases of women and children, diseases of eye and ear, and surgery.

## MATRICULATES FOR 1880 AND 1881.

NAME.	RESIDENCE.	PRECEPTOR.
Allen, Samuel W.....	Arkansas.....	Drs. Hooper and Breysacher.
Armfield, William.....	Arkansas.....	Medical Department, A. I. U.
Augspath, Louis, (D. D. S.)..	Arkansas.....	Washington University, Md.
Barnard, Trenton.....	Arkansas.....	Medical Department, A. I. U.
Bentley, Lee M.....	Arkansas.....	Drs. W. R. Bentley & T. A. Harvey.
Biggs, William E.....	Arkansas.....	Dr. J. F. Biggs.
Bunn, Dudley B.....	Arkansas.....	Alabama Medical College.
Carroll, Daniel C.....	Arkansas.....	Drs. J. T. Hamilton & J. A. Dibrell, Jr.
Crocker, Jacob T.....	Arkansas.....	Dr. C. G. Smith.
Dailey, John C.....	Indiana.....	Dr. W. E. Green.
Dibrell, Edwin R.....	Arkansas.....	Dr. James A. Dibrell, Sr.
Fisher, Daniel N.....	Arkansas.....	Medical Department, A. I. U.
French, Frank Lucas.....	Arkansas.....	Drs. R. G. Jennings & John Waters.
Gladden, Rodger Burrus....	Arkansas.....	Kentucky School of Medicine.
Griffin, John L.....	Arkansas.....	Dr. James A. Westerfield, Jr.
*Gunter, John W.....	Arkansas.....	Drs. Jordan & Christian.
Harralson, William H.....	Arkansas.....	Louisville University.
Hughes, Salanzo F.....	Arkansas.....	Medical Department, A. I. U.
Jackson, Norborn H.....	Arkansas.....	Medical Department, A. I. U.
Lafferty, Vaughan D.....	Arkansas.....	Dr. J. N. Lafferty.
McIntire, James A.....	Arkansas.....	Dr. J. C. McHatton.
Powley, Charles Perry.....	Ontario, Canada..	Dr. P. D. Goldsmith.
Powell, William E.....	Arkansas.....	Dr. J. M. Pirtle.
Ragsdale, Lewis T.....	Arkansas.....	Medical Department, A. I. U.
Rolfe, Benjamin P.....	Arkansas.....	Dr. B. S. Medlock.
Singleterry, William C.....	Arkansas.....	Medical Department, A. I. U.
Stell, Christopher C.....	Arkansas.....	Medical Department, A. I. U.
Stevenson, Thomas.....	Arkansas.....	Dr. James Blaine.
Thomasson, Nicholas T.....	Arkansas.....	Dr. J. C. McKethan.
Waterson, Benjamin F.....	Arkansas.....	Vanderbilt University.
Williams, Augustus A. C.....	Arkansas.....	Medical Department, A. I. U.
Zackary, Burr S.....	Arkansas.....	Medical Department, A. I. U.

\*Died December 2nd, 1880.

## ANNUAL COMMENCEMENT.

The Commencement Exercises were held on the evening of March 2d, at the Centenary Church, which on this occasion, was filled with ladies and gentlemen interested in the prosperity and progress of the College.

The annual address before the Graduating Class, was delivered by Prof. P. O. HOOPER. His Excellency, Gov. T. J. CHURCHILL, Ex-officio President of the Board of Trustees, after an address, in latin, presented each graduate with his Diploma.

## GRADUATES FOR 1880 AND 1881.

NAME.	RESIDENCE.	THESIS.
BUNN, DUDLEY B.....	Randall, Ark.....	Malarial Fever.
CARROLL, DANIEL C.....	Pine Bluff, Ark.....	Diphtheria.
GLADDEN, RODGER BURRUS..	Atkins, Ark.....	Delerium Tremens.
GRIFFIN, JOHN L.....	Atkins, Ark.....	Malarial Fever.
HARRALSON, WILLIAM H.....	Atkins, Ark.....	Pneumonia.
JACKSON, NORBORN H.....	Dardanelle, Ark.....	Post Partem Hemorrhage.
POWLEY, CHARLES PERRY....	Ontario, Canada.....	Chorea.
STEVENSON, THOMAS.....	Berlin, Ark.....	Gonorrhœa.
TOMMASSON, NICHOLAS T....	Murfreesboro, Ark...	Pneumonia.
WATERSON, BENJAMIN F.....	Wiley's Cove, Ark...	Enteric Fever.
THOMPSON, WILLIAM, M. D., Little Rock, Ark.....Honorary Deg. Doctor Medicine.		

## GENERAL RECAPITULATION.

College Class proper.....	120.
Preparatory Department.....	306

## SPECIAL.

Musical Department not enumerated above.....	8
Normal Department not enumerated above.....	7

## TOTAL.

Academic Department.....	441
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CATALOGUE AND CIRCULAR

OF THE

BRANCH NORMAL COLLEGE

OF THE

ARKANSAS INDUSTRIAL UNIVERSITY,

LOCATED AT

PINE BLUFF, ARKANSAS,

*FOR THE YEAR ENDING JUNE 9th, 1881,*

AND

ANNOUNCEMENT FOR 1881-82.

---

J. C. CORBIN, A. M., Principal.

# Board of Trustees.

HIS EXCELLENCY, T. J. CHURCHILL, Governor, Little Rock,  
EX-OFFICIO PRESIDENT OF THE BOARD.

TREASURER:

WM. McILROY, Fayetteville, Ark.

SECRETARY OF THE BOARD:

HON. LAFAYETTE GREGG.....Fayetteville, Ark.  
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W. E. THOMPSON, Esq.....Monticello, Ark.  
GEN. G. D. ROYSTON.....Washington, Ark.

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HON. LAFAYETTE GREGG, Secretary. W. E. THOMPSON, Esq.  
GEN. G. D. ROYSTON.

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HIS EXCELLENCY, T. J. CHURCHILL, Governor, Chairman.  
GEN. G. D. ROYSTON. W. E. THOMPSON, Esq.

FINANCE COMMITTEE;

HON. A. W. DINSMORE, Chairman. J. W. JONES, M. D.  
W. E. THOMPSON, Esq.

COMMITTEE ON RULES AND BY-LAWS:

HON. JAMES M. JOHNSON, Chairman.  
GEN. G. D. ROYSTON. HON. L. GREGG.

COMMITTEE ON PRINTING:

GEN. D. H. HILL, President of the University.  
J. W. JONES, M. D. HON. L. GREGG.

BOARD OF TRUSTEES.—Medical Department:

P. O. HOOPER, M. D., Little Rock, Ark. E. R. DUVAL, M. D., Fort Smith, Ark.  
WM. THOMPSON, M. D., Little Rock, Ark.

# Board of Visitors.

In Attendance at Commencement, June, 1881.

REV. S. H. BUCHANAN, President.....Little Rock, Ark.  
HON. W. H. CATE, Secretary.....Jonesboro, Ark.  
HON. A. H. CARRIGAN.....Washington, Ark.  
COL. J. M. HARRELL.....Hot Springs, Ark.  
HON. M. L. DAVIS.....Dardanelle, Ark.

## APPOINTMENTS.

The following list shows the names and counties of the Appointees in attendance during the year 1880-81 :

<i>Name.</i>	<i>County.</i>	<i>Name.</i>	<i>County.</i>
Jasper Bankhead.....	Jefferson.	A. B. Crump.....	Jefferson.
Lucinda Alexander.....	Jefferson.	Jennie Neely.....	Jefferson.
John F. Lucas.....	Jefferson.	James Smith.....	Jefferson.
Ada Gaines.....	Jefferson.	Alice Sizemore.....	Jefferson.
Norah James.....	Jefferson.	W. F. Graham.....	Saint Francis.
Jennie E. Pettigrew.....	Saint Francis.	Wallace Bland.....	Drew.
John P. Williams.....	Drew.	Isabella Brooks.....	Drew.
C. W. George.....	Ashley.	Samuel D. Ransom.....	Ashley.
J. A. Booker.....	Ashley.	Mattie F. Fisher.....	Ashley.
H. C. George.....	Ashley.	Glasgow King.....	Ashley.
Samuella Sanders.....	Ashley.	Nathan Carter.....	Ashley.
Victoria Thomas.....	Ashley.	* Burrell Sims.....	Ashley.
R. A. Dougherty.....	Calhoun.	Jacob W. Ricks.....	Calhoun.
Washington Bunn.....	Calhoun.	Henry W. Cook.....	Calhoun.
David Crockett.....	Woodruff.	Henderson Miller.....	Woodruff.
Mollie Ward.....	Woodruff.	Lydia Ward.....	Woodruff.
Lewis Maddox.....	Grant.	Samuel Cunningham.....	Grant.
W. J. Pumphrey.....	Grant.	Andrew J. Cherry.....	Lincoln.
Angeline Jenkins.....	Lincoln.	Isaiah Daniels.....	Little River.
Macon Neal.....	Dallas.	Mitchell Neal.....	Dallas.
N. J. C. Johnson.....	Dorsey.	Catherine Barnett.....	Dorsey.
Emma Barnett.....	Dorsey.	Alethea Wilkins.....	Dorsey.
Susan A. Dunton.....	Desha.	Retha Caveniss.....	Desha.
Emma Caveniss.....	Desha.	W. B. Cullens.....	Chicot.
Richard D. Bosley.....	Chicot.	Hal Green.....	Union.
G. W. Anderson.....	Pulaski.	John W. Corbin.....	Pulaski.
A. L. Burnett.....	Bradley.	Freeman Price.....	Bradley.

Total Beneficiaries, 54.

\* Deceased.



## CATALOGUE OF STUDENTS.

For year commencing September 6, 1880, and ending  
June 9, 1881.

## FIRST GRADE.

<i>Name.</i>	<i>Town.</i>	<i>County.</i>
Alexander, Lucinda.....	Pine Bluff.....	Jefferson.
Bland, Wallace.....	Baxter.....	Drew.
Crump, A. B.....	Vaughn Township.....	Jefferson.
Dougherty, Rufus A.....	Chambersville.....	Calhoun.
Graham, Wesley F.....	Forrest City.....	St. Francis.
Lucas, John W.....	Pine Bluff.....	Jefferson.
Neely, Jennie.....	Pine Bluff.....	Jefferson.
Pettigrew, Jennie E.....	Forrest City.....	St. Francis.
Smith, James.....	Pine Bluff.....	Jefferson.
Sizemore, Alice.....	Pine Bluff.....	Jefferson.
Burnett, A. L.....	Warren.....	Bradley.
Booker, J. A.....	Portland.....	Ashley.

Total, 12.

## SECOND GRADE.

Anderson, G. W.....	Little Rock.....	Pulaski.
Bankhead, Jasper.....	Linwood.....	Jefferson.
Bunn, Washington.....	Summersville.....	Calhoun.
Cullens, W. B.....	Lacey .....	Drew.
Crockett, David.....	Augusta.....	Woodruff.
Cook, H. W.....	Summersville.....	Calhoun.
Cherry, A. L.....	Star City.....	Lincoln.
Calhoun, John C.....	Plum Bayou.....	Jefferson.
Delancey, A.....	.....	Jefferson.
Daniels, Isaiah.....	Rocky Comfort.....	Little River.
Fisher, Mattie L.....	Portland.....	Ashley.
Freeman, Jennie L.....	Pine Bluff.....	Jefferson.
Flagg, Alice.....	Pine Bluff.....	Jefferson.
Gaines, Ada.....	Pine Bluff.....	Jefferson.
George, C. W.....	Portland.....	Ashley.
George, H. C.....	Portland.....	Ashley.
Green, Wesley F.....	Taylor's.....	Jefferson.
Johnson, N. J. C.....	Toledo.....	Dorsey.
James, Norah.....	Pine Bluff.....	Jefferson.
Martin, Virginia.....	Pine Bluff.....	Jefferson.
Pumphrey, Wm, J.....	Prattsville.....	Grant.
Phillips, Thomas.....	Pine Bluff.....	Jefferson.
Ricks, Jacob W.....	Chambersville.....	Calhoun.

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Simons, Katherine.....	Pine Bluff.....	Jefferson.
Shields, Isaac.....	Pine Bluff.....	Jefferson.
Bryant, Alfred.....	Pastoria.....	Jefferson.
Williams, Serena.....	Pine Bluff.....	Jefferson.
Williams, Robert L.....	Pine Bluff.....	Jefferson.
Williams, John P.....	Baxter.....	Drew.
Total, 29.		

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## THIRD GRADE.

Andrews, Fred.....	Jefferson.	
Banks, Isaac.....	Monticello.....	Drew.
Barnett, Katy.....	Edinburg.....	Dorsey.
Barnett, Emma.....	Edinburg.....	Dorsey.
Bunn, Lewis.....	Chambersville.....	Calhoun.
Brooks, Isabella.....	Monticello.....	Drew.
Boswell, Frank.....	Lanark.....	Bradley.
Clark, Dennis.....	Monticello.....	Drew.
Caesar, Samuel.....	Vaughine Township.....	Jefferson.
Cunningham, James.....	Grant.	
Caveniss, Retha.....	Walnut Lake.....	Desha.
Corbin, John W.....	Little Rock.....	Pulaski.
Carter, Nathan.....	Portland.....	Ashley.
Dunton, Susan.....	Dunton's.....	Desha.
Daniel's, Mattie.....	Pine Bluff.....	Jefferson.
Fultz, John.....	Pine Bluff.....	Jefferson.
Gocio, Ruth.....	Hot Springs.....	Garland.
Goodloe, Irene.....	Jefferson.	
Green, Wesley F.....	Taylor's.....	Jefferson.
Hill, John.....	Pine Bluff.....	Jefferson.
Haynes, Mary.....	Pine Bluff.....	Jefferson.
Huggins, Frances.....	Swan Lake.....	Arkansas.
Jenkins, Angeline.....	Star City.....	Lincoln.
King, Glasgow.....	Portland.....	Ashley.
Maddox, Lewis.....	Cherry Grove.....	Grant.
Munn, Alice.....	Plum Bayou.....	Jefferson.
Momon, B. F.....	Lanark.....	Bradley.
Nelson, A. D.....	Pine Bluff.....	Jefferson.
Patille, Anna.....	Pine Bluff.....	Jefferson.
Price, Freeman.....	Hamburg.....	Ashley.
Redd, Benjamin.....	Pine Bluff.....	Jefferson.
Ransom, Samuel D.....	Portland.....	Ashley.
Robinson, Cornelius.....	Vaughine Township.....	Jefferson.
Sampson, Fanny.....	Pine Bluff.....	Jefferson.
Stapler, Lulu.....	Pine Bluff.....	Jefferson.
Sanders, Samuella.....	Portland.....	Ashley.
Smith, Columbus.....	Lanark.....	Bradley.
Sims, Burrell.....	Hamburg.....	Ashley.
Timms, Lucy.....	Pine Bluff.....	Jefferson.
Thompson, Robert.....	Pine Bluff.....	Jefferson.
Tyler, Isabella.....	Monticello.....	Drew.
Taylor, Andrew.....	Jefferson.	
Williams, Betty.....	Pine Bluff.....	Jefferson.

Walker, Augustus.....	Pine Bluff.....	Jefferson.
Wilkins, Alethea.....	Toledo.....	Dorsey.
Wood, Henry.....	Warren.....	Bradley.
Waterhouse, William.....	Pine Bluff.....	Jefferson.
Ward, Mollie.....	Augusta.....	Woodruff.
Ward, Lydia.....	Augusta.....	Woodruff.

Total, ~~94~~ 49

## FOURTH GRADE.

Arrant, Moses.....	Pine Bluff.....	Jefferson.
Arrant, Noah.....	Pine Bluff.....	Jefferson.
Barrett, Ella.....	Vaughine Township.....	Jefferson.
Boswell, Frank.....	Lanark.....	Bradley.
Blackwell, Llewellyn.....	Pine Bluff.....	Jefferson.
Balch, Columbus.....	Pine Bluff.....	Jefferson.
Cobb, Sallie.....	Pine Bluff.....	Jefferson.
Crawford, James.....	Garretson's Landing.....	Jefferson.
Clay, Henry.....	.....	Jefferson.
Dean, Amelia.....	Pine Bluff.....	Jefferson.
Dickerson, Fredonia.....	Pine Bluff.....	Jefferson.
Dunton, Augustus.....	Dunton's Station.....	Desha.
Dunton, Leonora.....	Dunton's Station.....	Desha.
Evans, Mary.....	Pine Bluff.....	Jefferson.
Fultz, John.....	Pine Bluff.....	Jefferson.
Fauchon, Joanna.....	Pine Bluff.....	Jefferson.
Fultz, Yashti.....	Pine Bluff.....	Jefferson.
Fish, Mary.....	Pine Bluff.....	Jefferson.
Gurley, George.....	.....	Jefferson.
Gurley, General.....	.....	Jefferson.
Gurley, Otway.....	.....	Jefferson.
Neal, Mason.....	Moro Township.....	Dallas.
Neal, Mitchell.....	Moro Township.....	Dallas.
Hall, Laura.....	Monticello.....	Drew.
Hunter, John.....	Pine Bluff.....	Jefferson.
Johnson, Phebe.....	Pine Bluff.....	Jefferson.
Miller, Henderson.....	Augusta.....	Woodruff.
Momon, Morris.....	Lanark.....	Bradley.
Price, Henry.....	Hamburg.....	Ashley.
Patillo, Luella.....	Pine Bluff.....	Jefferson.
Smith, Mary.....	Pine Bluff.....	Jefferson.
Walker, Ida.....	Pine Bluff.....	Jefferson.
Walker, Monroe.....	Pine Bluff.....	Jefferson.

Total, 33.

## RECAPITULATION.

First Grade.....	12
Second Grade.....	29
Third Grade.....	49
Fourth Grade.....	33
Total.....	123



# COURSE OF STUDY.

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## PREPARATORY DEPARTMENT.

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### FIRST YEAR.

#### FIRST TERM.

Reading—Appleton's Fourth Reader. Geography—Monteith's. English Grammar—Graded Lessons in English—Reed & Kellogg. Arithmetic—Robinson's Shorter Course. Penmanship—Spencerian. Drawing—Forbriger.

#### SECOND TERM.

Reading—Appleton's Fourth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Arithmetic—Robinson's Shorter Course. Penmanship—Spencerian. Drawing—Forbriger.

#### THIRD TERM.

Reading—Appleton's Fourth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Drawing—Forbriger.

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### SECOND YEAR.

#### FIRST TERM.

Reading—Appleton's Fourth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Arithmetic—Robinson's Shorter Course. Penmanship—Spencerian. Drawing—Forbriger.

#### SECOND TERM.

Reading—Appleton's Fifth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Arithmetic—Robinson's. Penmanship—Spencerian. Spencerian. Drawing—Forbriger.

#### THIRD TERM.

Reading—Appleton's Fifth Reader. Geography—Monteith's. English Grammar—Reed & Kellogg. Arithmetic—Robinson's. Penmanship—Spencerian. Drawing—Forbriger.

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### THIRD YEAR.

#### FIRST TERM.

Analysis—Swinton's. Arithmetic—Robinson's. United States History—Anderson's. English Grammar—Reed & Kellogg. Penmanship—Spencerian.

#### SECOND TERM.

Analysis—Swinton's. United States History—Anderson's. English Grammar—Reed & Kellogg. Algebra—Peck's Manual. Physiology—Brown's.

#### THIRD TERM.

English Grammar—Reed & Kellogg. Algebra—Peck's Manual. Physiology—Brown's. Analysis—Swinton's. Penmanship—Spencerian.

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NORMAL COURSE.

Students completing this course are entitled to the Normal Diploma. Those who complete less than the entire course are entitled to a certificate showing work done.

## FIRST YEAR.

## FIRST TERM.

Reading and Orthography. Arithmetic. United States History. Geography. English Grammar. Penmanship. Latin. Principles of Teaching.

## SECOND TERM.

Reading and Orthography. Algebra. United States History. Arithmetic. Latin. English Grammar. Principles of Teaching.

## THIRD TERM.

Reading and Orthography. Algebra. United States History. Arithmetic. Latin. English Grammar. Principles of Teaching.

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SECOND YEAR.

## FIRST TERM.

Algebra. English Diction. Elocution. Physical Geography. Latin. Methods of Teaching.

## SECOND TERM.

Geometry. English Diction. Elocution. Latin. Physics. Methods of Teaching.

## THIRD TERM.

Geometry. English Diction. Elocution. Latin. Physics. Botany. Methods of Teaching.

---

THIRD YEAR.

## FIRST TERM.

Plane and Spherical Trigonometry. Rhetoric. Latin. Chemical Physics. Methods of Teaching.

## SECOND TERM.

Analytical Geometry. General Chemistry. Zoology. Methods of Teaching. Latin.

## THIRD TERM.

Analytical Geometry. Latin. Methods of Teaching.

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FOURTH YEAR.

## FIRST TERM.

General History. Differential Calculus. Physiology. Theory of Graded Schools.

## SECOND TERM.

General History. Geology. English Literature, (Early Modern English Period). Principles of Classification.

## THIRD TERM.

General History. School Law. Astronomy. History of Education. Masterpieces in English Literature.

## TERMS AND VACATION.

The Scholastic year of this Institution consists of two terms of thirteen weeks each, and one term of fourteen weeks.

There is no vacation between terms. These terms commence and end as indicated by the following :

## CALENDAR FOR THE SCHOLASTIC YEAR 1881-82.

The Autumn Term will commence on the 5th of September, 1881, and close December 2d, 1881.

The winter term will commence December 5th, 1881, and close March 3d, 1882.

The Spring Term will commence March 6th, 1882, and close June 8th, 1882.

All beneficiary and normal students should be present at the opening of the Autumn Term ; and unnecessary delay, either of old students in returning, or of new ones reporting, will lead to the forfeiture of their appointments. The strictest attention to study, and most exact punctuality in attendance on recitations and all other duties, are made the conditions of every student's continuance at the University.



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## NORMAL DEPARTMENT.

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The design of this Department is to train teachers for the common schools of the State.

Applicants must pass a satisfactory examination in the common English branches in order to enter this Department.

In addition to a thorough knowledge of the branches to be taught, the work comprehends :

1. Training in methods of imparting instruction in the branches to be taught.
  2. Methods of leading pupils to think and investigate for themselves.
  3. How to grade and organize the various kinds of schools.
  4. Government or discipline of schools.
  5. Duties of teachers as governed by School Law.
- 

## APPOINTMENT OF BENEFICIARIES.

By the law of the State, the appointments of students to the Branch College is the same as to the parent University at Fayetteville in numbers from each county of the State, and is vested in the County Courts, but any vacancies occurring during the terms of the school, shall be filled by the Judge of the County Court.

All students thus appointed are entitled to four years free tuition, upon the payment of five dollars matriculation fee *in advance at the time of entering the school.*

The pupils who can be admitted to the Branch Normal College free of tuition, are apportioned among the several counties of the State according to their respective populations by the United States census of 1870, which apportionment is as follows :

TABLE OF APPORTIONMENT.

COUNTIES.	No. of Beneficiaries entitled to.	COUNTIES.	No. of Beneficiaries entitled to.
Arkansas.....	2	Lee.....	3
Ashley.....	3	Lincoln.....	2
Baxter.....	6	Little River.....	2
Benton.....	2	Logan.....	2
Boone.....	2	Lonoke.....	3
Bradley.....	3	Madison.....	2
Calhoun.....	2	Marion.....	2
Carroll.....	2	Miller.....	2
Chicot.....	4	Mississippi.....	2
Clark.....	5	Monroe.....	4
Clay.....	2	Montgomery.....	1
Columbia.....	4	Nevada.....	2
Conway.....	3	Newton.....	2
Craighead.....	4	Ouachita.....	6
Crawford.....	2	Perry.....	1
Crittenden.....	2	Phillips.....	6
Cross.....	2	Pike.....	2
Dallas.....	2	Poinsett.....	1
Desha.....	2	Polk.....	2
Dorsey.....	4	Pope.....	4
Drew.....	2	Prairie.....	4
Faulkner.....	2	Pulaski.....	14
Franklin.....	4	Randolph.....	3
Fulton.....	2	Saline.....	3
Garland.....	2	Scott.....	2
Grant.....	2	Searcy.....	3
Green.....	3	Sebastain.....	2
Hempstead.....	2	Sevier.....	2
Hot Spring.....	6	Sharp.....	6
Howard.....	3	St. Francis.....	2
Independence.....	6	Stone.....	3
Izard.....	3	Union.....	5
Jackson.....	3	Van Buren.....	2
Jefferson.....	7	Washington.....	8
Johnson.....	4	White.....	5
Lafayette.....	2	Woodruff.....	4
Lawrence.....	3	Yell.....	4

The following forms may be used in making appointments :

No. ....

To whom it may concern :

I hereby appoint..... of .....  
County, State of Arkansas, as a Normal student at the Branch Normal College at  
Pine Bluff.

Given under my hand, this..... day of .....188...

..... County Judge.

..... County, Arkansas.

The above certificate of appointment is to be delivered to the  
appointee by the County Judge.

The following notice should be forwarded immediately to the Principal of the Branch College :

No. ....

....., ARKANSAS, }  
 .....188... }

*To the Principal of Branch Normal College of the Arkansas Industrial University:*

I hereby notify you that I have this day appointed .....  
 of ..... County, as a student in the Branch Normal College of the  
 Arkansas Industrial University at Pine Bluff.

Given under my hand, this..... day of ....., 188...

..... County Judge.

#### EXPENSES.

The expenses of a student at the Branch Normal College need not exceed the amount herein stated :

Board in private families, including fuel, light and washing, can be had for from ten to twelve dollars per month. A Normal student pays five dollars entrance fee, which entitles him to free tuition for four years.

Books may be purchased in Pine Bluff at the publisher's usual retail prices. Quite a number of students have paid a part of their board by labor in private families.

#### CONCLUDING REMARKS.

One of the great needs of the colored population of Arkansas, is a supply of well qualified teachers for the country schools. The larger cities, Little Rock, Helena, Pine Bluff and Fort Smith, have sufficient resources to pay salaries that have attracted good teachers from a distance, but the country districts are, generally, in a deplorable condition. Many of these enjoy school privileges for only three or four months of the year, and the value of that privilege may be inferred from the fact that the school houses are, in general, destitute of blackboards, writing desks, and everything but a few benches to sit upon, while a considerable number of the teachers cannot write a number containing two periods of figures correctly, or solve a sum in simple subtraction. The estab-



ishment of the Branch Normal College affords to teachers who are desirous of becoming better qualified to perform the duties of the profession, an opportunity of doing so at a reasonable expense, without the necessity of going a long distance from home; and already several of its students are alternately teaching, and being taught, and, by this process, at once benefiting themselves and those around them.

The records of the Institution show the names of about sixty of its students who engage in teaching either permanently, or during vacation, in the public schools of the State.

Two of these students were elected to positions in the public schools of Pine Bluff, and taught therein during the last year, with good success. Others have assisted in the work of the Normal College itself and have rendered valuable assistance. The attendance at the school, during the last year, was also better than ever before, rendering it absolutely necessary to procure more suitable accommodation for its use than those it has heretofore had. The Board of Trustees decided to meet this want by the erection of a suitable building, which will, it is hoped, be ready for occupancy by the time the school opens. The progress of the school, in the various branches of study pursued, was, also, very satisfactory, the First Grade having nearly completed Ficklin's Algebra and Brook's Normal Geometry, with a corresponding advancement on the part of the lower grades.

In addition to the studies laid down in the course of study, there were daily exercises in vocal music, and a review of the International Sunday School Lessons; also, regular exercises in declamation and composition. Several of the students have taken lessons on the Organ. A number of newspapers and educational publications are regularly filed in the school room and are accessible to all the students.

It will be of great advantage to the Institution if the several County Judges will take a special interest in seeing that their

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counties are duly represented therein; and act, in respect to that matter, as agent for the same.

For further information, address,

PROF. J. C. CORBIN,  
*Pine Bluff, Arkansas.*

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PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES,  
JUNE, 1881.

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ANNUAL MEETING  
OF THE  
BOARD OF TRUSTEES  
ARKANSAS INDUSTRIAL UNIVERSITY,

HELD AT THE

*Secretary's Office, Fayetteville, Ark., June 6th, 1881.*

Board met June 6th, at 12 o'clock m., and the President, Gov. T. J. Churchill being absent, Gen. G. D. Royston was appointed President *pro tem*.

Present—Trustees Dinsmore, Gregg, Hill, Johnson, Jones, Pitman, Royston and Thompson.

A resolution was offered by Trustee Thompson instructing the Secretary to inform the Honorable Board of Visitors that the Board of Trustees is now organized and prepared to furnish any desired information, and respectfully inviting them to meet with us in all our deliberations. Adopted.

Condensed annual report of the members of the Faculty was presented by President D. H. Hill, and on motion of Trustee Thompson, was referred to Committee on Faculty Reports, consisting of Trustees Thompson, Dinsmore and Gregg.

On motion of Trustee Thompson, Joseph Milligan was allowed to remain in the Steward's Hall the coming year, and to charge \$7.00 a month for boarding each student.

On motion of Gen. Hill, Prof. Harvey was allowed \$75.00



and expenses while in Little Rock, for superintending the printing and sending off of catalogues.

The report of the Branch Normal, at Pine Bluff, was read by Trustee Thompson, placed on file, and on motion of Trustee Thompson, the Professor in charge was permitted to omit descriptive geometry, differential and integral calculus and logic from the normal course as laid down in our catalogue.

Gen. G. D. Royston and Prof. W. E. Thompson, Committee on Branch Normal, at Pine Bluff, reported, that in accordance with the authority conferred upon them by the Board of Trustees, they had purchased, near the corporate limits of Pine Bluff, twenty acres of land for a consideration of \$700.00, upon which to erect a suitable building for the Branch Normal College. That in conjunction with Gov. T. J. Churchill, they had adopted a plan which was in the hands of a competent architect, to elaborate, and as soon as completed, advertisements would be issued inviting bids for the erection of the building, so as to have it ready as soon as possible.

Communication from the Board of Visitors, signifying their readiness to meet in joint session with the Board of Trustees, to present their suggestions, was read, and

On invitation, the Chairman, Rev. Buchanan, presented various resolutions which were considered.

On motion of Trustee Dinsmore, the Executive Committee was authorized to advertise for bids for the completion of the third story of the University building, and have it executed in the manner contained in the original specifications, at the earliest possible date.

The following report of the Executive Committee was read and adopted:

We, your Executive Committee, beg leave to submit our report of proceedings had since our last annual meeting:

The death of Prof. J. B. Gordon required the supply of his vacant chair, which was filled by the appointment of R. E. Hardiway, of Alabama.

The resignation of Prof. O. F. Russell and appointment of Rev. H. M. Welch to supply his chair.

The appointment of Mr. G. W. Droke, as assistant in the Preparatory Department.

The resignation of Prof. R. E. Hardiway, which leaves the chair of Applied Mathematics and Engineering vacant, and finally we would report the appointment of Prof. H. B. Edmiston to the chair of Modern Languages, to enable us to carry out our pledges made in the curriculum.

We would represent that in our judgment it is important that the Chair of Applied Mathematics and Engineering be filled at once, since a number of young men are anxious to fit themselves for practical field work.

The greatly increased patronage of the Preparatory Department urgently demands additional teaching force. It gives us particular pleasure to say, in the many vicissitudes attending our labors, and the emergencies requiring prompt action, we have been able in our new appointments to secure an efficiency, in most, far beyond our expectations.

We would report that whilst we have not at all times been able to meet the demands on our treasury, at this time, as we are informed by our Secretary, through the kind intervention of Sheriff Henry, who has made us advances from revenue collected on our bonds, we require only about \$1000.00 to meet all supposed demands that may be presented in closing up our year's accounts.

In view of the fact that we have been short one year's interest on bonds from Washington county, we deem ourselves peculiarly fortunate.

All of which is respectfully submitted, by order of the Executive Committee.

A. W. DINSMORE,

*Chairman.*

On motion of Trustee Thompson, a resolution was adopted, expressing the thanks of the Board of Trustees to Prof. C. S.

Sargent, Special Agent of 10th Census, Department of Forestry, for the large and valuable set of wood specimens of North American trees, donated to the Herbarium of the University.

On motion of Trustee Thompson, the sum of \$200.00 was set aside for the purpose of obtaining suitable and competent nurses and medicines for indigent students, while sick; such sum to be paid as needed by the Secretary, upon the order of the President of the University.

Trustee Gregg offered the following:

*Resolved*, That we are of the opinion that giving too many holidays in term-time has a great tendency to demoralize the classes of the University, and the Faculty are directed to allow but one day for Christmas, one for Thanksgiving, but no days for decoration.

Adopted.

On motion of Trustee Thompson, the following resolution was adopted:

*Resolved*, That hereafter no students be received into the Preparatory Department unless they are prepared to stand the examinations required, as published in our Catalogue.

Upon motion of Trustee Hill, the appointment of Prof. H. M. Welch by the Executive Committee, to the Chair of Principal of the Preparatory Department, was confirmed.

On motion of Trustee Hill, Prof. G. W. Droke was made First Assistant of the Preparatory Department from this date at a salary of \$800.00 per annum.

On motion of Trustee Thompson, the appointment of Prof. H. B. Edmiston by the Executive Committee, to the Chair of Modern Languages, was confirmed and his salary fixed at \$1200.00 per annum.

Trustee Dinsmore, Chairman of Finance Committee, stated that there was the sum of over \$20,000.00 upon which to predicate next year's estimates.



Upon motion of Trustee Thompson, Chairman on Committee of Faculty Reports, the Executive Committee was authorized to expend the sum of \$250.00 for appliances in Prof. Harvey's department; also, the sum of \$750.00 for the pressing needs of Prof. Conrad's department, providing the funds of the University will warrant the expenditure.

Upon motion of Trustee Dinsmore, the following was adopted:

*Resolved*, That the Board express their unqualified disapproval of the free and unrestrained social intercourse they learn exists between the male and female students of the University, and we hereby insist upon our Faculty instituting such measures as they may deem most wise to control this question, and we hereby authorize and empower them to vacate any boarding-house that may fail to execute their orders.

On motion of Trustee Thompson, the resolution on printing for last year was adopted, viz:

*Resolved*, That the Committee on Printing be authorized to have printed five hundred copies of the proceedings of the Board of Trustees, containing so much of the proceedings of the Board as the committee may deem advisable; also, three thousand copies of the Catalogue for the year 1880-81 with such general information as is necessary for a proper understanding of the workings of the institution; also, that the committee have fifty numbers of the proceedings of the Board of Trustees from the organization of the University to the present time, bound in two volumes, and that six sets of said volumes be placed in the Library, and remain there for the general inspection of all who may desire information in regard to the history of the University.

On motion of Committee on Faculty reports, \$100.00 was allowed for stove, musical instruments and other necessities of the Military Department, providing the funds will admit of the expenditure.

On motion of Trustee Jones, the salary of Miss Harris was raised to \$1200.00 per annum.

On motion of Trustee Hill, the salary of Mrs. Sutton was raised to \$700.00 per annum.

On motion of Trustee Hill, the Faculty was authorized to give free tuition to sixty indigent students from different sections of the State, requiring only the matriculation fee of \$5.00.

On motion of Trustee Gregg, \$250.00 was set apart for planting out trees and shrubs, and for fixing walks, roads, etc., upon the college grounds.

The Board proceeded to elect a Professor of Applied Mathematics and Engineering, which resulted in the unanimous appointment of Prof. J. D. Tradwell, of Alabama, for one year, at a salary of \$1000.00 per annum, and President D. H. Hill was authorized to inform him of the election.

Board proceeded to elect an Assistant for the Preparatory Department, which resulted in the selection of Mrs. E. J. Crockett, of Tennessee, for one year, at a salary of \$600.00 per annum, and Trustee Jones was requested to inform her of the appointment.

On motion of Trustee Dinsmore, the Secretary was authorized to subscribe for 1000 copies of Mr. L. D. Bingham's advertising circular at a cost of \$50.00.

On motion of A. W. Dinsmore, \$500.00 was appropriated for farm purposes.

On motion of A. W. Dinsmore, \$13.00 was allowed to buy postal cards, and pay for printing them, the same to be used for sending parents the term grade of students.

On motion of President Hill, Prof. Harvey was authorized to advertise the Arkansas Industrial University in twenty papers of the State, at a rate not exceeding \$5.00 in each paper.

On motion of Trustee Gregg, Gov. T. J. Churchill, G. D. Royston and W. E. Thompson were appointed as a Building



Committee of the Board of Trustees, to adopt plans, receive bids, enter into contract, and when the work is completed as per contract, to pay for a building for the Normal Branch College, at Pine Bluff, and to furnish said building and improve the grounds thereof, and do all things necessary to make such improvements as are required for the use of the said Normal College, on the grounds purchased for the purpose; and not beyond the amount in funds appropriated by the last Legislature for the use of said Branch Normal College. The Chairman is hereby authorized to draw from the State Treasurer the \$10,000.00 appropriated for the Branch Normal College by our late Legislature at such time and in such amount as may be desired by said committee, and pay the same out under the order of said committee, and make a report at the next annual meeting of the Board.

The committee appointed to report the estimates comprised in the current expense fund for the ensuing year, beg leave to submit the following estimates as its report:

Professors' salaries.....	\$17,850 80
Fuel.....	400 00
Grounds.....	250 00
Chemical, museum and astronomical.....	1,000 00
Janitors.....	450 00
Library.....	400 00
Printing and stationary.....	250 00
Postage.....	100 00
Furniture.....	100 00
Miscellaneous.....	200 00
Farm.....	500 00
Trustees and officers.....	1,000 00

Total.....	\$22,500 00
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Upon motion, the Board adjourned *sine die* Tuesday, 12 M., June 14th, 1881.

(Signed)

G. D. ROYSTON,

*President pro tem.*

F. L. HARVEY,

*Acting Secretary.*



REPORT OF THE MEDICAL DEPARTMENT.

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*Gen. D. H. Hill, President Arkansas Industrial University,  
Fayetteville:*

SIR—The Trustees of the Medical Department of the Arkansas Industrial University respectfully submit the following Second Annual Report:

The Second Session of the Medical Department began in the first week of October, 1880, and continued twenty weeks. During the session there were thirty-two matriculates; of this number John W. Gunter, of Hempstead county, a candidate for graduation, died.

At the regular Annual Commencement, held on the second day of March, 1881, the degree of Doctor of Medicine was conferred upon ten candidates, after they had been subjected to a rigid examination, conducted in the presence of the Board of Visitors appointed by the State Medical Society.

The Honorary Degree was conferred upon William Thompson, M. D., of Little Rock.

We take pleasure in enclosing a copy of the Report of the Board of Visitors made to the State Medical Society at its recent meeting, in this city, and we desire it to constitute a part of our report.

At the last meeting of the General Assembly of the State, a bill was passed confirming the action of the Board of Trustees of the State University in establishing and organizing the Medical Department, a copy of which is herewith enclosed.

In compliance with the above-mentioned law the Governor appointed Drs. E. R. DuVal, of Fort Smith, and William Thompson, of Little Rock, who, together with Prof. P. O.

Hooper, Dean, constitute the Board of Trustees of this Department.

The excellent building purchased by the Faculty of the Medical Department was entirely renovated during the last vacation, having been painted throughout, the dissecting-room enlarged, etc., etc. Extensive additions have also been made to the Anatomical and Chemical Departments, rendering the facilities for teaching these branches quite complete.

We take pleasure in testifying that the Faculty, both individually and collectively, have been untiring in their efforts to advance the standard of medical education and have worked so faithfully, harmoniously and successfully to that end that the success, and future welfare of the Medical Department of the University is certainly assured.

We have no hesitation in assuring those seeking a medical education that here they can obtain all the advantages and opportunities which can be placed within the reach of the earnest student at any institution in the country.

P. O. HOOPER, M. D.,

E. R. DuVAL, M. D.,

W. THOMPSON. M. D.

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Report of the Board of Visitors appointed by the State Medical Society of Arkansas to the Medical Department of the Arkansas Industrial University:

*Mr. President and Members of the State Medical Society of Arkansas:*

GENTLEMEN—Your Committee report that in compliance with a resolution adopted at the last Annual Meeting, to attend the Commencement of the Medical Department of the Arkansas Industrial University, and witness the examination of the candidates for graduation, the duty was performed by a portion of the Committee.

In March last, ten candidates for graduation were examined

critically and thoroughly in all the branches of medicine ; they were well qualified. The honorary degree was conferred upon Dr. Wm. Thompson, of Little Rock.

The Committee is gratified at the encouraging success of the Faculty in raising the standard of medical education.

The College building and the facilities generally for didactic and chemical teaching are ample to meet present wants.

One of the Committee, Dr. E. T. Dale, who was present at the Commencement exercises, uses this language, which we ask leave to make a part of this Report :

“As a member of the Board of Visitors to the Medical Department, Arkansas Industrial University, I was present at the examination of candidates for graduation and at the Commencement exercises of the College, and it gives me pleasure to say that I consider this department of the University well worthy of the hearty aid and support of every medical gentleman in the State. I would recommend that the State Medical Society of Arkansas give it a full and hearty endorsement. Its Faculty is able and competent ; its appointments and advantages are excellent, and those who have labored so diligently and earnestly in putting it in its present position are deserving of all praise and encouragement.

“ E. R. DuVAL, M. D.,

“ W. B. WELCH, M. D.,

“ E. T. DALE, M. D.,

“ D. H. STAYTON, M. D.,

“ Board of Visitors.”

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*Be it enacted by the General Assembly of the State of Arkansas :*

SECTION 1. That all acts of the Board of Trustees of the Arkansas Industrial University, looking to the establishment of a Medical Department thereof, located in the city of Little Rock, be ratified, approved and confirmed, and that said Medical Department be in all things legalized.



SEC. 2. That the control of said Medical Department, in all things not involving title to property heretofore purchased, and such additions as may hereafter be made thereto, be vested in two competent physicians, living in or near said city, and a Dean of the Faculty, who shall together form an executive committee, with power to take charge of all the interests of the said department, for the purposes of medical education and the advancement of medical science.

SEC. 3. That the members of said executive committee, as above named, shall be appointed by the Governor, by and with the advice and consent of the Senate; and that they shall hold their offices for the term of four years, and until their successors are appointed and qualified.

SEC. 4. In case of a vacancy on said board, it shall be filled by the Governor, and in case the General Assembly shall not be in session at the time of such appointment, the person so appointed shall hold his office subject to the confirmation of the Senate when it shall next reassemble.

SEC. 5. Said executive committee shall annually, in the month of March, make a report to the Trustees of the University of all its proceedings during the past year.

Approved, March 11th, 1881.

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